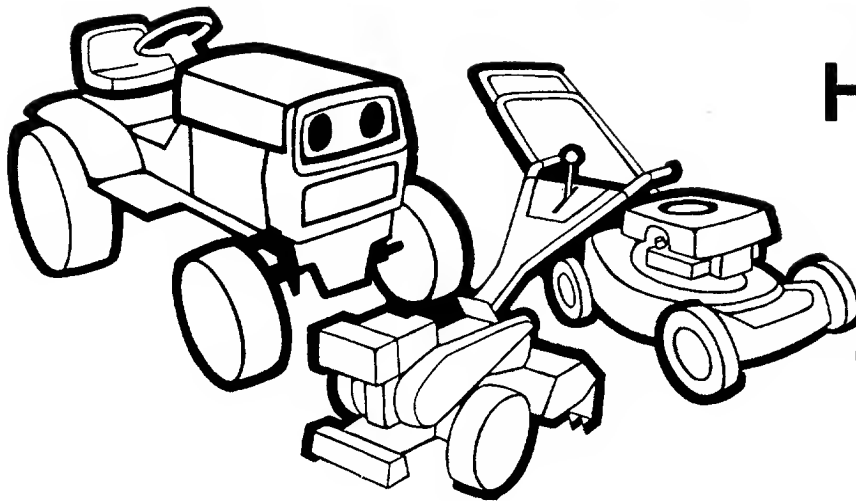


OWNERS MANUAL



**HYDROSTATIC
LAWN
TRACTORS**
(11 H.P., 16 H.P.
and 18 H.P.)

**ASSEMBLY
OPERATION
MAINTENANCE
PARTS LIST**

Model Numbers

134-760-000
134-764-000
134-765-000
134-784-000
134-785-000
134-786-000
134-794-000
134-795-000
134-796-000

Important:
**Read Safety Rules and
Instructions Carefully**

Thank you for purchasing an
American built product.

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LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator.

In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester muffler is available at your nearest engine authorized service center.



WARNING

To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.

SAFE OPERATION PRACTICES FOR RIDING VEHICLES

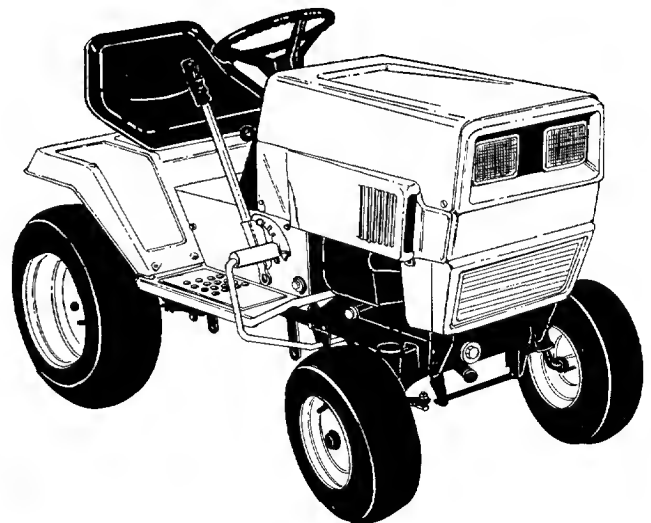
1. Read this owner's manual carefully in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. This unit is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.
3. Know the controls and how to stop quickly—READ THIS OWNER'S MANUAL.
4. Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. No one should operate this unit while intoxicated or while taking medication that impairs the senses or reactions.
6. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts to avoid entanglement in the moving parts. Never operate a unit in bare feet, sandals, or sneakers.
7. To prevent injury, do not carry passengers or give rides. Keep children, pets and bystanders out of the area while mowing. Only the operator should ride on the unit and only ride in the seat.
8. Check overhead clearance carefully before driving under power lines, guy wires, bridges or low hanging tree branches, before entering or leaving buildings, or in any other situation where the operator may be struck or pulled from the unit, which could result in serious injury.
9. To maintain control of the unit and reduce the possibility of upset or collision, operate the tractor smoothly. Avoid erratic operation and excessive speed.
10. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction and cause injury.
11. Clear work area of objects which might be picked up and thrown by the mower in any direction and cause injury.
12. Stop the blade(s) when crossing gravel drives, walks or roads.
13. Disengage all attachment clutches and shift into neutral before attempting to start engine.
14. Disengage power to attachment(s) and stop engine before leaving operating position.
15. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade(s) can cause injury.
16. Disengage power to attachment(s) and stop engine before making any repairs or adjustments. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
17. Before attempting to unclog the mower or discharge chute, stop the engine. The mower blade(s) may continue to rotate for a few seconds after the engine is shut off. Therefore, be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
18. Disengage power to attachment(s) when transporting or not in use.
19. Take all possible precautions when leaving vehicle unattended such as disengaging power-take-off, lowering attachments, shifting into neutral, setting parking brake, stopping engine and removing key.
20. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face. Use extreme caution if it is necessary to drive the tractor up an incline or back the tractor down an incline because the front of the tractor could lift and rapidly flip over backward which could cause serious injury.
21. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Always keep the tractor in gear when going down steep hills to take advantage of engine braking action.
22. Stay alert for holes in terrain and other hidden hazards.
23. Use care when pulling loads or using heavy equipment.
 - A. Use only approved drawbar hitch points.
 - B. Limit loads to those you can safely control.
 - C. Do not turn sharply. Use care when backing.
 - D. Use counterweight(s) or wheel weights when suggested in owner's manual.
24. Watch out for traffic when crossing or near roadways.
25. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
26. Handle gasoline with care. It is highly flammable.
 - A. Use approved gasoline container.
 - B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.
 - C. Open doors if engine is run in garage. Exhaust fumes are dangerous. Do not run engine indoors.

27. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in operator's manual.
28. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
29. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow engine to cool before storing in any enclosure.
30. To reduce fire hazard, keep engine free of grass, leaves or excessive grease.
31. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object. The damage should be repaired before restarting and operating the equipment.
32. Do not change the engine governor settings or overspeed the engine.
33. When using the vehicle with mower, proceed as follows:
 - (1) Mow only in daylight or in good artificial light.
 - (2) Never make a cutting height adjustment while engine is running if operator must dismount to do so.
 - (3) Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher.
 - (4) Check blade mounting bolts for proper tightness at frequent intervals.
34. Check grass catcher bags frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.
35. Look behind to make sure the area is clear before placing the transmission in reverse and continue looking behind while backing up. Disengage blades before shifting into reverse and backing up.
36. This unit should not be driven up a ramp onto a trailer or truck under power, because the unit could tip over, causing serious personal injury. The unit must be pushed manually to load properly.

This owner's manual covers two different styles of lawn tractors. Examine the hood, grille and fenders on your unit, and determine if it is Style A or Style B as shown below. Follow only the instructions which pertain to your style unit.



Style A



Style B

ASSEMBLY



This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see separate engine manual for proper fuel and engine oil recommendations.

This owner's manual covers various models of lawn tractors. The units illustrated may vary from your unit. Follow only the instructions which pertain to your style unit (refer to page 4).

BATTERY INFORMATION



WARNING

- A. Battery acid must be handled with great care as contact with it can burn and blister the skin. It is also advisable to wear protective clothing (goggles, rubber gloves and apron) when working with it.*
- B. Should battery acid accidentally splatter into the eyes or onto the face, rinse the affected area immediately with clean cold water. If there is any further discomfort, seek prompt medical attention.
- C. If acid spills on clothing, first dilute it with clean water, then neutralize with a solution of ammonia/water or baking soda/water.
- D. Since battery acid is corrosive, do not pour it into any sink or drain. Before discarding empty electrolyte containers, rinse them with a neutralizing solution.
- E. NEVER connect or disconnect charger clips to battery while charger is turned on as it can cause sparks.
- F. Keep all lighted materials (cigarettes, matches, lighters) away from the battery as the hydrogen gas generated during charging can be combustible.
- G. As a further precaution, only charge the battery in a well-ventilated area.

***Always shield eyes, protect skin and clothing when working near batteries.**



DANGER

Battery contains sulfuric acid. Antidote: EXTERNAL—Flush with water. INTERNAL—Drink large quantities of water or milk. Follow with milk of

magnesia, beaten egg or vegetable oil. Seek prompt medical attention. EYES: Flush with cool water for at least 15 minutes, then seek immediate medical attention.

Since batteries produce explosive gases, keep all lighted materials (cigarettes, lighters, matches, etc.) away. Be sure to charge battery only in well-ventilated areas.

KEEP BATTERIES OUT OF THE REACH OF CHILDREN.

ACTIVATING THE BATTERY

1. Place the battery to be filled on a workbench. Never activate a battery in the unit.
2. Slip one end of battery drain tube on the battery manifold.
3. Remove the fill caps from all cells.
4. Fill each cell carefully using 1.265 specific gravity electrolyte. Fill each cell to the top of the separators. Do not overfill.
5. Let the battery sit for 20 minutes to allow the chemical reaction to take place.
6. Charge the battery at a MAXIMUM RATE OF 5 AMPS. until the specific gravity reads 1.265. Use a hydrometer to check the specific gravity.



CAUTION

An excessive rate of charge will damage the battery.

7. Check the level of electrolyte. Adjust level to bottom of split ring if necessary with electrolyte.
8. Replace fill caps.



CAUTION

After battery has been in service, add only distilled water, or pure drinking water. DO NOT ADD ACID.



NOTE

This engine is equipped with an alternator. The current for the battery charger alternator is unregulated. During normal operation, it is only necessary to charge the battery:

1. When it is activated for the first time.
2. Before winter storage.
3. Before using the lawn tractor after winter storage.

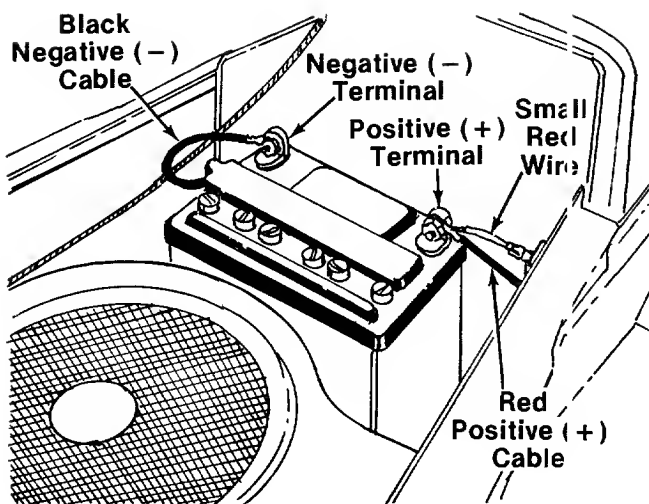


FIGURE 1.

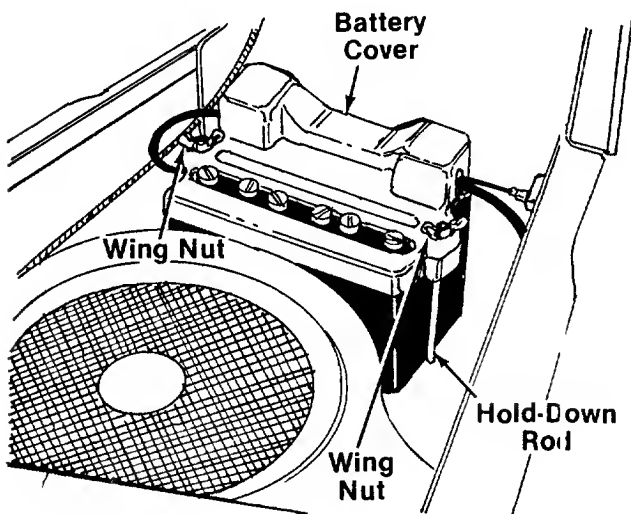


FIGURE 2.

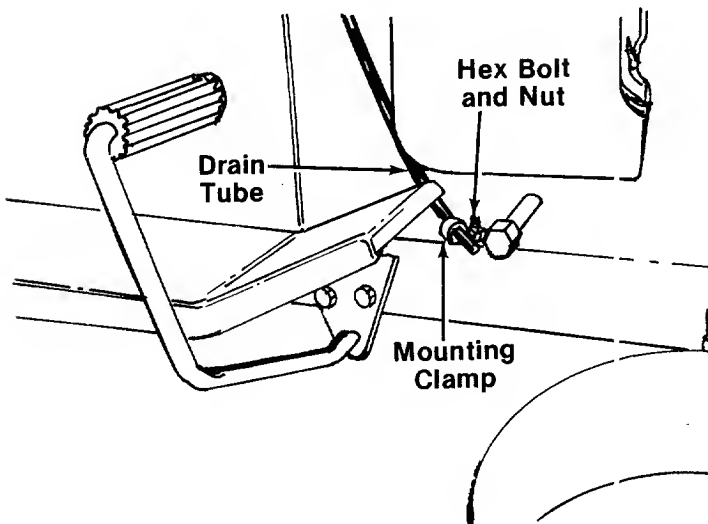


FIGURE 3.

INSTALLING THE BATTERY



The positive battery terminal is marked Pos. (+). The negative battery terminal is marked Neg. (-).

1. Place the battery on the battery plate with the terminals towards the rear of the tractor.
2. Attach the positive cable (heavy red wire) and the small red wire (from the circuit breaker) to the positive battery terminal (+) with a $\frac{1}{4}$ -20 x $\frac{3}{4}$ " long bolt, lock washer and hex nut provided in the battery pack. See figure 1.
3. Attach the negative cable (heavy black wire) to the negative battery terminal (-) with the other $\frac{1}{4}$ -20 x $\frac{3}{4}$ " long bolt, lock washer and hex nut.

4. Hook one hold-down rod into the hole in the battery plate beside the battery. See figure 2. Place the battery cover in position over the hold-down rod. Secure with wing nut. Attach other hold-down rod to the other side of battery cover in the same manner.

5. Route the battery drain tube down beside the oil drain pipe on the right side of the tractor.

11 H.P. Tractor—Secure battery drain tube to oil drain pipe with plastic tie provided. Cut off excess end of plastic tie.

16 and 18 H.P. Tractor—Slip the end of the drain tube into the mounting clamp provided in hardware pack. Secure the mounting clamp to the tractor by placing the clamp over the hex bolt and nut which hold the engine pulley belt guard to the frame. Secure in place with hex lock nut provided in hardware pack. See figure 3.



The vented battery allows any gases or liquid from the battery to be drained onto the ground.

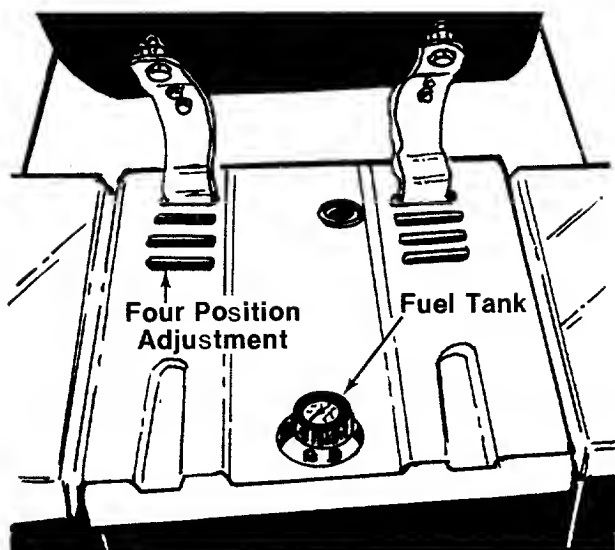


FIGURE 4A.—Style A

SEAT ASSEMBLY

Style A:

The seat can be adjusted to four positions. With the seat tipped forward, hook the front of the seat spring into the slots on the tractor frame. Allow the seat to pivot backwards until it rests on the rear of the springs. See figure 4A.

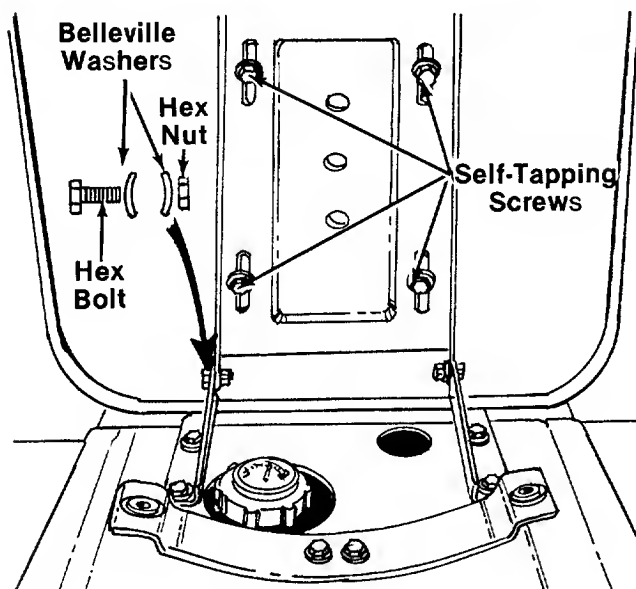


FIGURE 4B.—Style B

Style B:

Place the seat in position against the seat brackets. Secure each side of seat with $\frac{3}{4}$ " long hex bolt, two belleville washers (on the inside and outside) and hex lock nut. Crown side of washers should be against the head of the bolt and the nut. See figure 4B.

STEERING WHEEL INSTALLATION

1. **Style B only:** There are four height positions for the steering wheel. For shipping purposes, the steering shaft is assembled in the lowest position. Lift the hood of the tractor. Remove the hairpin cotter and clevis pin on the steering shaft. Raise the shaft to desired position and secure with hairpin cotter and clevis pin. See reference numbers 56 and 57 on page 30.
2. **Style B only:** Attach the plastic steering bellow to the steering wheel as shown in figure 5.

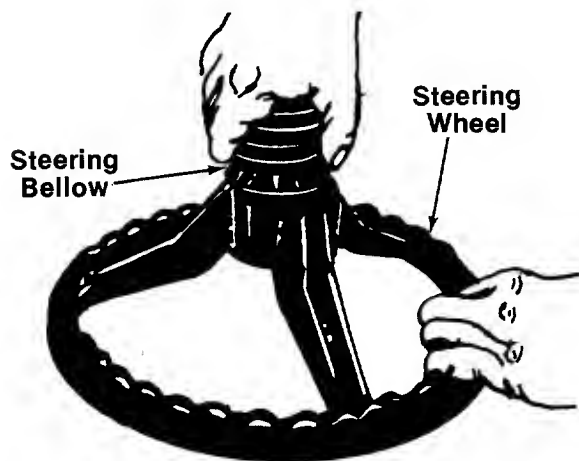


FIGURE 5.—Style B

NOTE

One end of the steering bellow is slightly larger than the other. The larger end must be assembled to the steering wheel.

3. Place steering wheel over the steering shaft, lining up the flats in the wheel with the flats on the shaft.

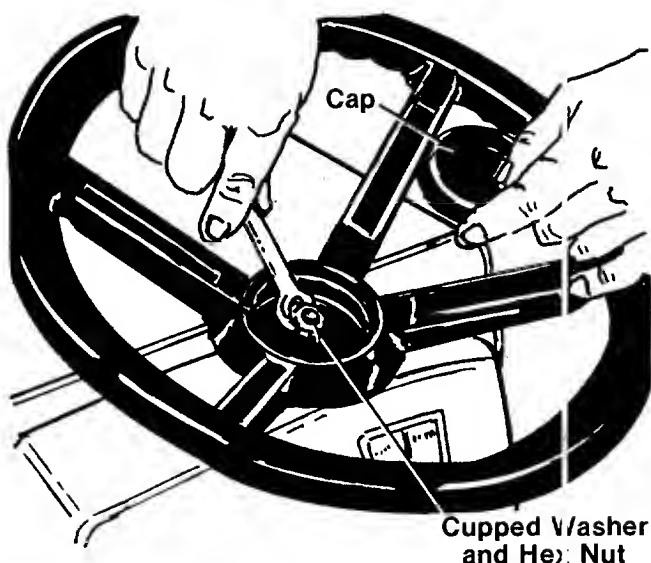


FIGURE 6.

4. Secure with cupped washer (cupped side against the steering wheel) and hex nut. See figure 6.

5. Press the steering wheel cap on the steering wheel by hand.

TIRE PRESSURE

For shipping purposes, the tires on your unit may be over-inflated. Tire pressure should be reduced before unit is put into operation. Recommended operating tire pressure should be 10 p.s.i.

Check sidewall of tire for manufacturer's maximum tire pressure. If this information does not appear on your tire, maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

CONTROLS

IGNITION SWITCH

The ignition switch is located in the center of the dashboard. Turn the key to the START position to start the engine. When the engine is running, leave the key in the ON position. To stop the engine, turn the key to the OFF position. See figure 7.



WARNING

Remove the key from the tractor when the tractor is not in use to prevent accidental starting.

THROTTLE CONTROL

The throttle control is located on the left side of the dashboard and is used to regulate the engine speed. See figure 7. The engine should be operated from $\frac{3}{4}$ to full throttle (FAST) when operating any equipment that uses the tractor engine as a source of power such as the mowing deck, snow thrower or rotary tiller.

CHOKE CONTROL (16 H.P. and 18 H.P. only)

The choke control is located on the right side of the dashboard and is operated manually. Details for the choke operation are covered in the separate engine manual packed with your unit. See figure 7.

LIGHT SWITCH

The head lamps are operated by pushing the light switch located on the dashboard. The head lamps will only operate when the engine is running. See figure 7.

AMMETER

The ammeter registers the rate of battery charge or discharge. The ammeter will register on the discharging side when starting the engine. It should register on the opposite side (charging) when the engine is running in the fast position until the battery is completely charged. With a fully charged battery or with the engine idling, the ammeter will not show a charge. See figure 7.

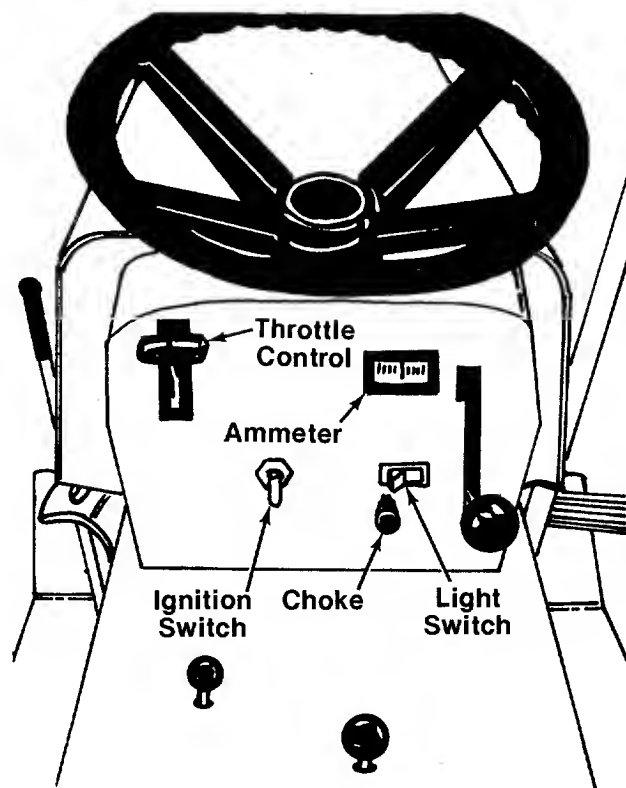


FIGURE 7.—Style A Shown

GASOLINE TANK

The gasoline tank is located under the tractor seat. Tip the seat forward to fill the tank. Refer to figure 4.

HYDROSTATIC CONTROL LEVER

A single control lever connected to the hydrostatic transmission controls both the speed and direction of the tractor. Infinite speed control is achieved by moving the control lever forward or backward. The farther forward or backward you move the control lever, the faster you will travel. Pulling the control lever into neutral (N) area will stop the tractor. To increase rear wheel torque (pulling power), move the control lever towards neutral (N) position. The lawn tractor responds similar to shifting to a lower gear with a gear type transmission. See figure 8.

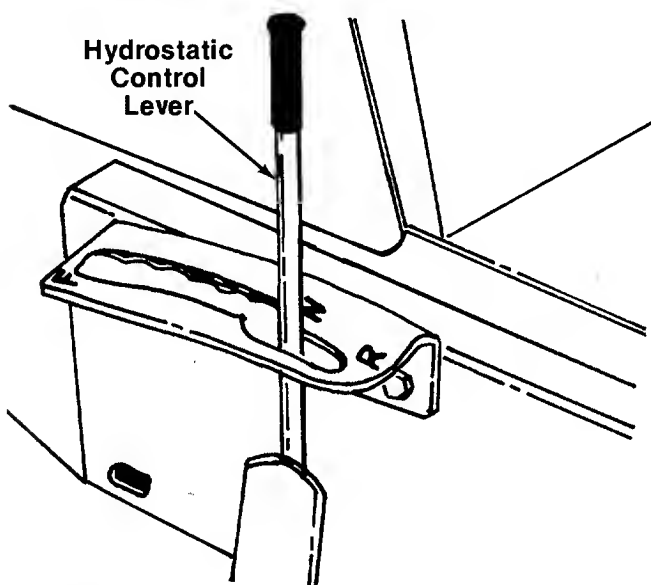


FIGURE 8.

CLUTCH-BRAKE PEDAL

The clutch-brake pedal is located on the right side of the lawn tractor. Depressing the pedal disengages the engine from the hydrostatic transmission and applies the brake. You can release the clutch pedal and resume the same speed without moving the hydrostatic control lever. See figure 9.



NOTE

The clutch-brake pedal must be depressed to start the engine.

PARKING BRAKE

To set the parking brake, depress the clutch-brake pedal and pull up the parking brake knob. It will stay in the raised position. To release the parking brake, depress and release the clutch-brake pedal. See figure 9.

RELIEF VALVE

To move the lawn tractor without the engine running, pull up the relief valve and lock it in the raised position. This allows the rear wheels to roll. See figure 9.

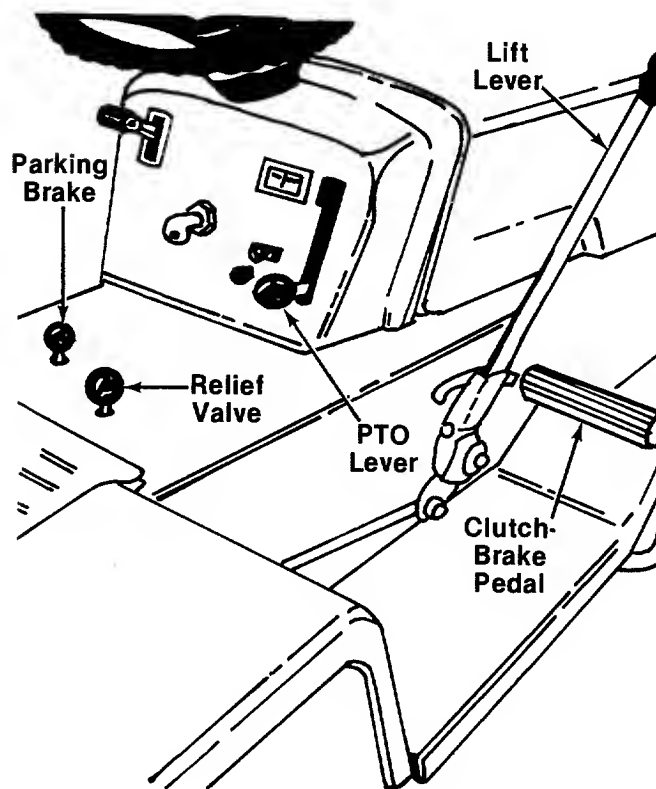


FIGURE 9.—Style A Shown

LIFT LEVER

The five position lift lever is used to change the operating position of the attachments. To operate, pull the lever towards you. To release, move the lever to the right and then forward. See figure 9.

POWER TAKE-OFF (PTO) LEVER

The PTO lever is located on the right side of the dashboard. To engage the PTO, lift the lever slowly and lock it into the notch. See figure 9.



NOTE

The PTO lever **must** be in the disengaged position (down) when starting the engine and when shifting into reverse.

OPERATION



CAUTION

1. Keep all shields in place.
2. Before leaving operator's position:
 - a. Shift transmission to neutral
 - b. Set parking brake
 - c. Disengage attachment clutch
 - d. Shut off engine
 - e. Remove ignition key
3. Wait for all movement to stop before servicing machine.
4. Keep people and pets a safe distance away from machine.
5. Look to the rear before backing up.

PREPARATION



NOTE

When packaged for shipment, the machine contains no oil or gasoline. Before starting the engine, oil must be added to the engine crankcase and gasoline to the tank. **DO NOT** mix oil with gasoline.

1. Put oil in engine crankcase. Refer to separate engine manual packed with your unit for engine oil recommendations.
2. Fill the fuel tank with clean, fresh, lead-free, low-lead or regular grade leaded gasoline.

OPERATING THE TRACTOR



NOTE

This unit is equipped with a safety interlock system for your protection. The purpose of the safety interlock system is to prevent the engine from cranking or starting unless the clutch-brake pedal is depressed and the PTO lever is in the disengaged position. In addition, the PTO lever must be in the disengaged position when the unit is put into reverse or the engine will shut off.



WARNING

Do not operate the tractor if the interlock system is malfunctioning because it is a safety device, designed for protection.

1. Place the PTO lever in the disengaged (down) position.
2. Depress the clutch-brake pedal and set the parking brake.
3. Place the hydrostatic control lever in the "NEUTRAL" (N) position.
4. Set the throttle control in the "FAST" position.
5. **16 H.P. and 18 H.P. only**—Pull out the choke control. A warm engine requires less choking.
6. Turn the ignition key to the right to the "START" position. After the engine starts, release the key. It will return to the "ON" position.
7. **16 H.P. and 18 H.P. only**—Slowly push in the choke as the engine warms up.
8. Depress the clutch-brake pedal so the parking brake is released and then release the clutch-brake pedal.
9. Move the hydrostatic control lever forward. The farther forward you move the hydrostatic control lever, the faster you will travel.
10. To stop the tractor, pull the hydrostatic control lever into "NEUTRAL" (N) or depress the clutch-brake pedal.
11. To shut off the engine, turn the ignition key to the left to the OFF position. Remove the key to prevent accidental starting while equipment is unattended.



IMPORTANT

If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

ADJUSTMENTS



WARNING

Disconnect the spark plug wire and ground against the engine before performing any adjustments, repairs or maintenance.

SEAT ADJUSTMENT

Style A:

The tractor seat is adjustable to four positions. To change positions, tip the seat all the way forward and lift it out of the slots on each side. Refer to figure 4A.

Style B:

To adjust the position of the seat, loosen the four self-tapping screws on the bottom of the seat. See figure 4B. Slide the seat forward or backward as desired. Retighten the self-tapping screws.

HYDROSTATIC CONTROL ADJUSTMENT

The hydrostatic transmission control is in correct adjustment when the tractor does not move with the engine running, the clutch engaged and the hydrostatic control lever in the neutral position.

If adjustment is necessary, follow these steps:

1. Raise both rear wheels off the ground by placing blocks under the rear frame.
2. Loosen both lock nuts on both ends of the connecting rod. See figure 10.
3. Place the hydrostatic control lever in the neutral position.
4. Start the tractor.
5. Release the clutch-brake pedal.



NOTE

DO NOT set the parking brake or the relief valve.



WARNING

Be careful of the cooling fan on the front of the hydrostatic transmission.

6. Turn the connecting rod back and forth until the rear wheels do not rotate.
7. Shut off the engine.
8. Tighten both lock nuts on the connecting rod.

9. Remove the blocks under the tractor frame and test the tractor operation.

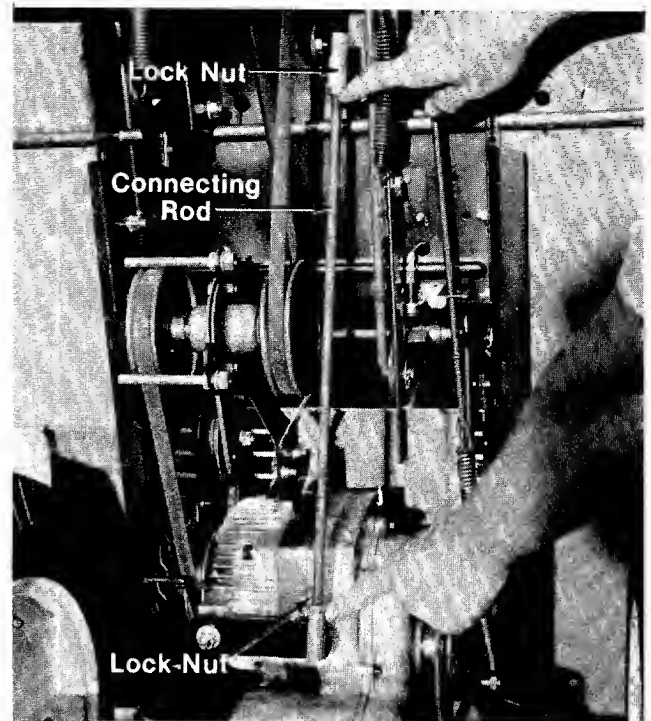


FIGURE 10.

REAR WHEEL TRACK ADJUSTMENT

The distance between the rear wheels can be changed from wide to narrow by removing the rear wheels one at a time and reversing them on the hub.

With the rear wheels in the narrow position, the outside of the rear wheels is even with the outside of the front wheels.

With the rear wheels in the wide position, the inside of the rear wheels is even with the outside of the front wheels.

BRAKE ADJUSTMENT

During normal operation of this machine, the brakes are subject to wear and will require periodic examination and adjustment.



CAUTION

Do not adjust the brake while the engine is running. Be sure to block the wheels of the tractor before making the brake adjustment.

1. Loosen the outside lock nut. See figure 11.
2. Turn the inside lock nut in until it locks the disc.

3. Back off the inside lock nut one complete turn.
4. Tighten the outside lock nut.
5. Test the brake operation.

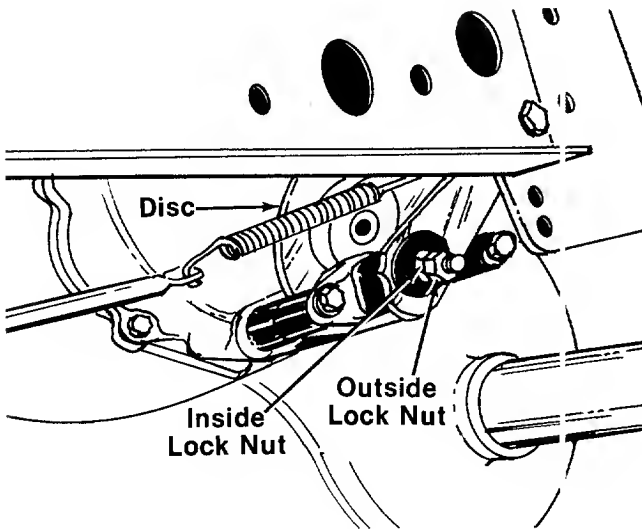


FIGURE 11.

CARBURETOR ADJUSTMENTS



WARNING

If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

Minor carburetor adjustments may be required to compensate for differences in fuel, temperature, altitude and load.

Refer to separate engine manual for carburetor adjustment information.

STEERING WHEEL ADJUSTMENT

Style B Only:

There are four height positions for the steering wheel. To adjust the height of the steering wheel, remove the hairpin cotter and clevis pin on the steering shaft. Place the steering wheel in the position desired and secure with hairpin cotter and clevis pin. See reference numbers 56 and 57 on page 30.

LUBRICATION

STEERING GEARS

Wipe off the old grease and dirt. After every 25 hours of operation place an automotive multi-purpose grease in the teeth of the segment and pinion gears. See figure 12.

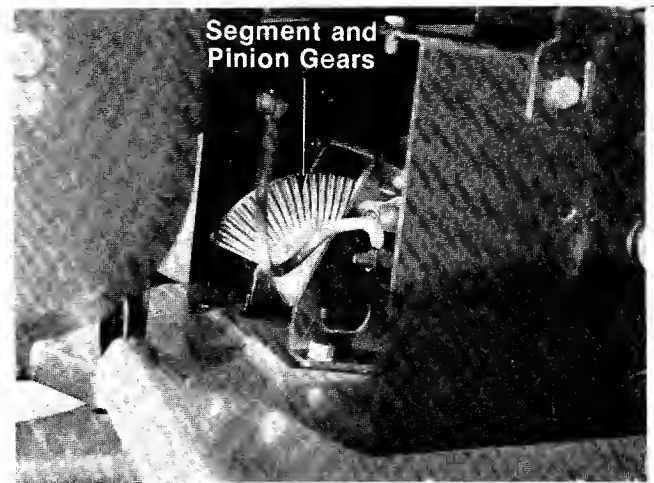


FIGURE 12.
TRANSAXLE

Check the oil level four times a year. Lubricant should be at the point of overflowing. Use SAE E.P. 90 oil. Drain and refill every two years. Capacity 2¾ pints. See figure 13.

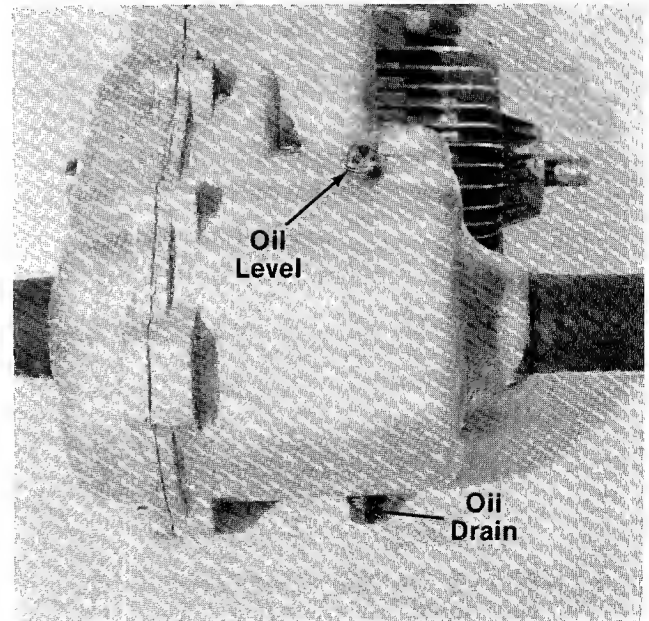


FIGURE 13.

LINKAGE

Once a season lubricate all the pivot points on the clutch, brake and lift linkage with SAE 30 engine oil.

FRONT WHEELS

The front wheels are provided with grease fittings. Lubricate at least once a season with automotive multi-purpose grease.

PIVOT POINTS

Lubricate all pivot points with light oil at least once a season.

BALL JOINTS

The ball joints and drag link ends are permanently lubricated.

HYDROSTATIC OIL LEVEL

The transmission has been filled at the factory and should not require changing for the life of the transmission. The following oils can be used: Texaco 2209, General Motors Dexron B, Ford M2C-33F, Mobile Fluid 300, or a good quality SAE 20 High Detergent oil.



CAUTION

Never use a multi-viscosity oil.

The transmission fluid level should be checked prior to initial use. The level should not be above the COLD mark which is about 1/4" from the bottom of the reservoir/expansion tank. See figure 14.



CAUTION

Overfilling reduces the expansion area in the reservoir/expansion tank and fluid will spill at operating temperatures.

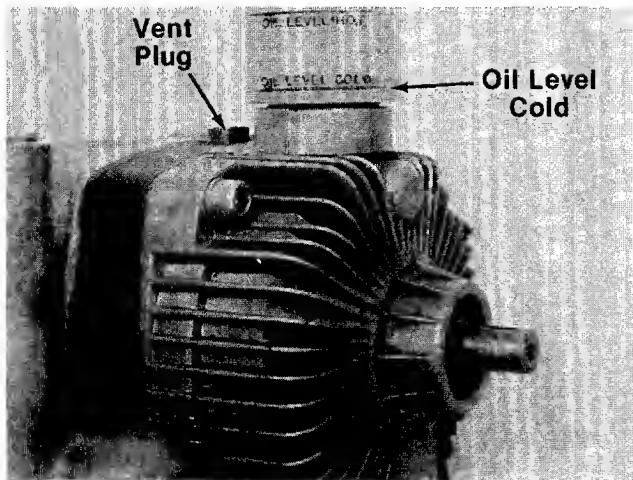


FIGURE 14.

To check or add fluid to the transmission:

1. Unscrew the parking brake and relief valve knobs.
2. Unscrew the two screws holding the access cover located in front of the seat.
3. Check the oil level in the reservoir/expansion tank. See figure 14.
4. If it is necessary to add oil, unscrew the cap on the reservoir/expansion tank and add oil through the hole with a funnel. Do not overfill. See figure 15.
5. Reassemble parts.

If frequent additions are required, locate the leak and correct. Inadequate supply of fluid may result in permanent internal damage.

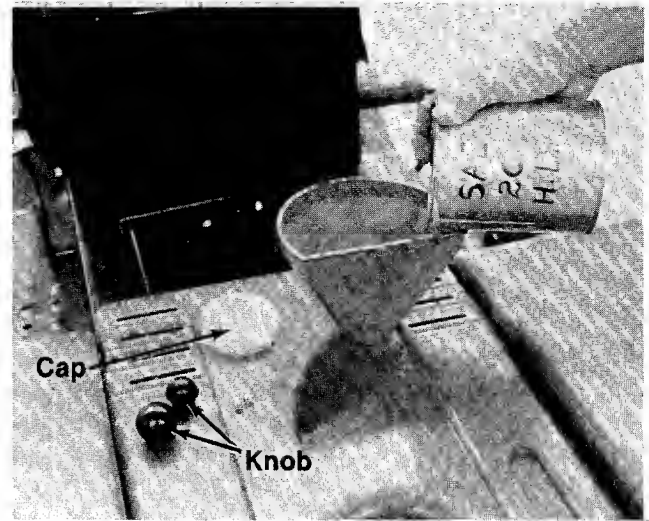


FIGURE 15.

If contaminate is observed on the reservoir/expansion tank screen, poor maintenance is indicated. Remove the reservoir/expansion tank, wash clean, dry and reinstall. If the screen is pierced, the reservoir/expansion tank should be replaced.



CAUTION

The threads on the reservoir/expansion tank are left hand thread.

If the natural color of the transmission fluid has changed, black or milky, overheating and/or water contaminate is indicated. The fluid should be drained and replaced with new transmission fluid.

To drain the hydrostatic transmission, remove the hex plug on the bottom of the hydrostatic transmission.

To fill the hydrostatic transmission, remove the vent plug located next to reservoir/expansion tank to prevent an air lock. Replace vent plug.

Hydrostatic Transmission Cooling

The hydrostatic transmission is cooled by the oil, fan and fins. Normal operating temperature is 180°F. If the hydrostatic transmission runs hot, check to see if the fan is in operating condition, the oil level is correct and the fins are clean.



CAUTION

DO NOT use high pressure water spray or steam to clean the hydrostatic transmission.

MAINTENANCE



WARNING

Disconnect the spark plug wire and ground against the engine before performing any adjustments, repairs or maintenance.

TROUBLE SHOOTING

Refer to the chart on page 18 for trouble shooting engine problems.

CRANKCASE OIL

Check the oil level in the crankcase before each use of the machine and after every two hours of operation. Oil level should be maintained as instructed in the separate engine manual.

After the first two hours of operating a new engine, drain the oil from the crankcase while engine is still hot and refill crankcase with new oil; thereafter change the oil after every 25 hours of operation. Refer to the engine manual.

FUEL SHUT-OFF VALVE AND FILTER (Optional) Style A Only

The valve and filter is located on the bottom of the gasoline tank located at the extreme rear of the tractor.

Turn the valve knob in to shut off the fuel flow. Turn the valve knob out to operate the tractor. See figure 16.

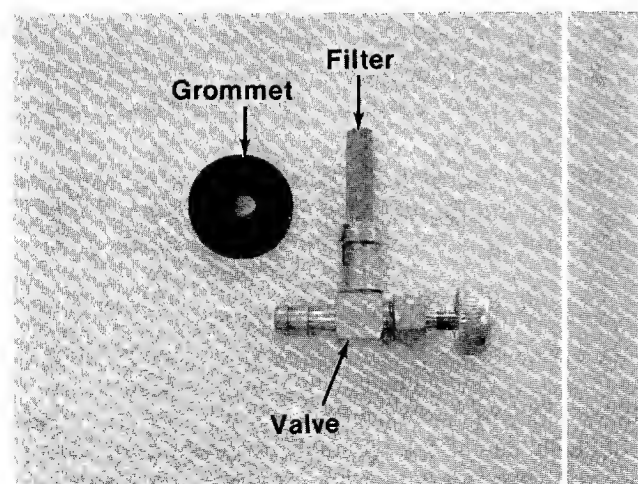


FIGURE 16.

The entire valve can be pulled out to clean the filter. When reassembling, place the rubber grommet into the gasoline tank first, then push the valve all the way in.



WARNING

Only use factory approved parts if repairs are needed on the gasoline tank, grommet, valve or gasoline line.

FUEL FILTER

If your unit does not have a fuel shut-off valve, it is equipped with a replaceable in-line fuel filter. Replace filter whenever contamination or discoloration is noticed. Order replacement filter through your authorized engine service dealer.

WHEEL ALIGNMENT

The front wheels should toe-in approximately 1/8". Measure the distances A and B on the front wheels. See figure 17.



Dimension B should be approximately 1/8 inch less than dimension A.

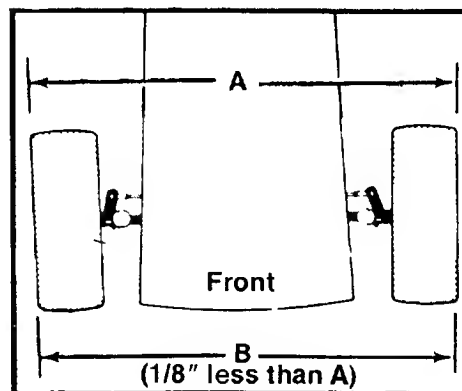


FIGURE 17.

To adjust the toe-in, loosen the hex jam nut, remove the elastic lock nut, lift the tie rod end out of the hole in the steering arm and screw the tie rod end in or out as necessary. See figure 16.

Reassemble the tie rod end after the correct alignment is made.

DRAG LINK

If the drag link or ball joints are changed, the new assembly must be adjusted to the exact same length as the original. If adjusted incorrectly, it will allow the tractor to turn sharper one direction than the other.

To take off the drag link, remove the nuts and lock washers holding the ball joint to the steering gear and left front axle bracket. See figure 18.

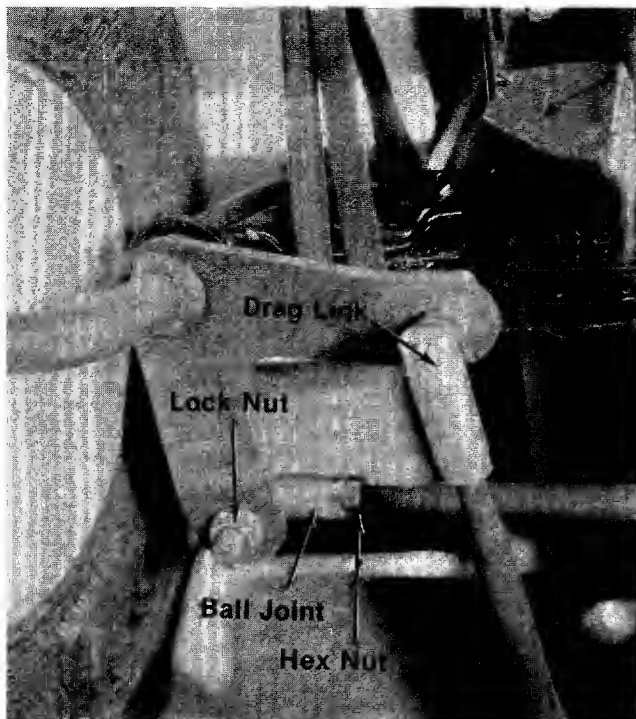


FIGURE 18.

ENGINE

Refer to separate engine manual for all engine maintenance procedures.

MAINTENANCE OF BATTERY

1. Check electrolyte level periodically (at least every two weeks). Keep the level to the split rings. Use only distilled water or a good quality drinking water. Never add acid or any other chemicals to the battery after initial activation.
2. The battery should be checked with a hydrometer after every 25 hours of operation. If the specific gravity is less than 1.225, the battery should be recharged. Maximum charge rate 5 AMPS.
3. Coat the terminals and exposed wire with a thin coat of grease or petroleum jelly for longer service and protection against corrosion.
4. The battery should be kept clean. Any deposits of acid should be neutralized with soda and water. Be careful not to get this solution in the cells.
5. Avoid tipping the battery. Even a "sealed" battery will leak electrolyte when tipped.

STORAGE OF THE BATTERY

1. Charge battery using normal methods. NEVER store discharged battery as it will not recover.

2. When storing battery for extended periods, disconnect battery cables. Removing battery from unit is recommended.
3. Store in cold, dry place.
4. Recharge battery whenever the specific gravity is less than 1.225, before returning to service, or every two months, whichever occurs first.

COMMON CAUSES FOR BATTERY FAILURE

1. Overcharging
2. Undercharging
3. Lack of water
4. Loose hold downs and/or corroded connections
5. Excessive loads
6. Battery electrolyte substitutes
7. Freezing of electrolyte



These failures do not constitute warranty.

BATTERY REMOVAL OR INSTALLATION



When removing the battery, follow this order of disassembly to prevent your wrench from shorting against the frame.

1. Remove the Negative cable.
2. Remove the Positive cable.

To install a battery:

1. Attach the Positive cable.
2. Attach the Negative cable.

JUMP STARTING

1. Attach the first jumper cable from the Positive terminal of the good battery to the Positive terminal of the dead battery.
2. Attach the second jumper cable from the Negative terminal of the good battery to the FRAME OF THE UNIT WITH THE DEAD BATTERY.



Failure to use this starting procedure could cause sparking, and the gases in either battery could explode.

INSTALLATION OF TIRE TO RIM



WARNING

The following procedure must be followed when removing or installing a tire to the rim.

1. Be sure rim is clean and rust free.
2. Lubricate both the tire and rim generously.
3. Never inflate to over 30 p.s.i. to seat beads. Excessive inflation pressure when seating beads may cause tire/rim assembly to burst with force sufficient to cause serious injury.

CHANGING THE DRIVE BELT

1. If a cutting deck is attached to your tractor, remove it. Remove the battery.
2. Depress the clutch pedal and set the parking brake.
3. Raise and block the front wheels of the tractor so you can work under it.
4. Unscrew the belt guard release next to the engine pulley. See figure 19.

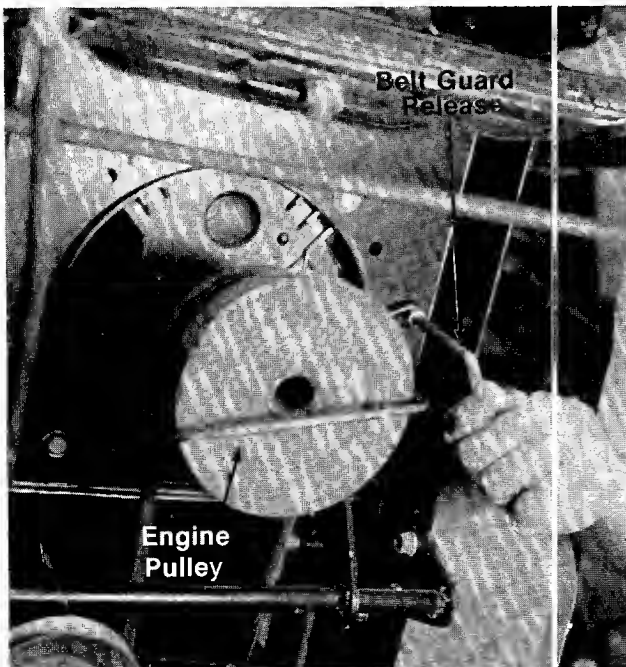


FIGURE 19.

5. Swing the belt guard forward towards the front of the tractor.



WARNING

Observe the way the belt is twisted. If the new belt is installed backwards, the tractor will run backwards.

6. Loosen the stop bolt behind the pulley assembly so the pulley assembly will pivot forward enough to remove the V-belt.
7. Using a bar or large screwdriver, pry the pulley assembly towards the front of the tractor and unhook the belt from the pulley. See figure 20.
8. Install the new belt by hooking it over the engine pulley and twisting the belt to the left as you attach it to the pulley.
9. Test the operation of the tractor to assure the belt has been installed correctly.

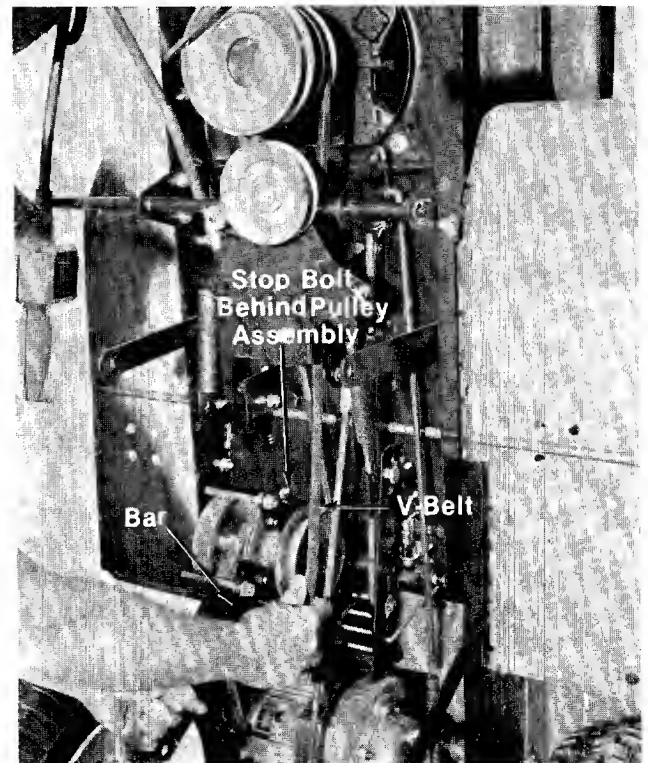


FIGURE 20.

Removing the Rear (Clutch) Belt

1. Remove the cutting deck (if one is attached) and battery.
2. Raise and block the front wheels of the tractor so you can work under it.
3. Depress the clutch-brake pedal and set the parking brake.
4. Remove the two belt guard pins on the pulley assembly. See figure 21.

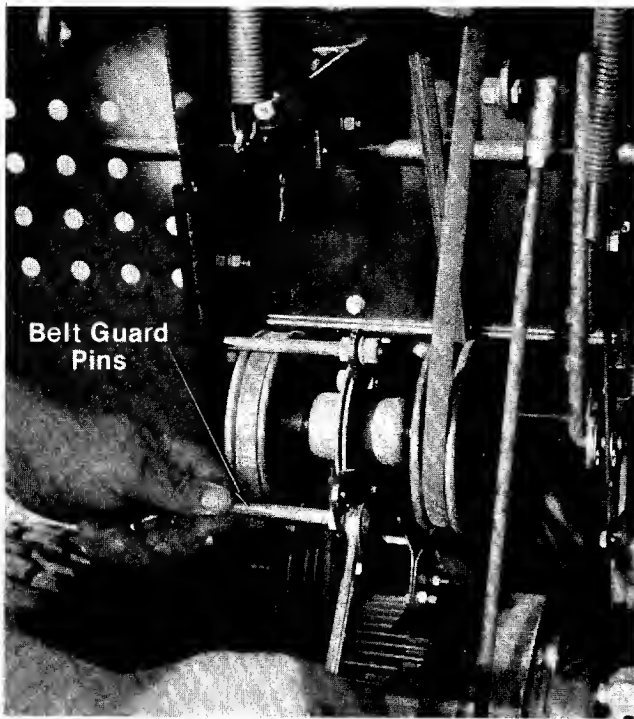


FIGURE 21.

5. Take off the idler assembly by removing the center bolt.



NOTE

Be sure the belt clip is reassembled the same way. See figure 22.

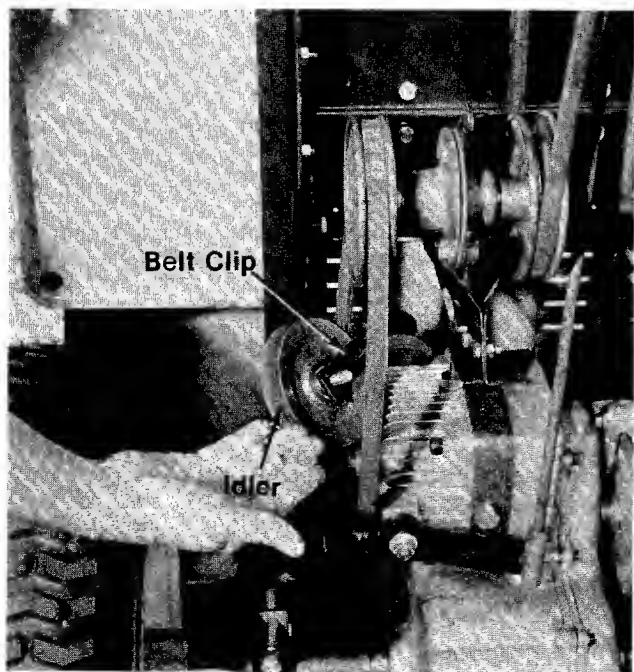


FIGURE 22.

6. Take off the round wire belt guard around the hydrostatic pulley by removing the two screws through the frame.

7. Loosen the frame bolt holding the rear axle bracket to the frame. See figure 23.
8. Pry the frame over about 1/4" and remove the V-belt.
9. Reassemble in reverse order with a new V-belt.

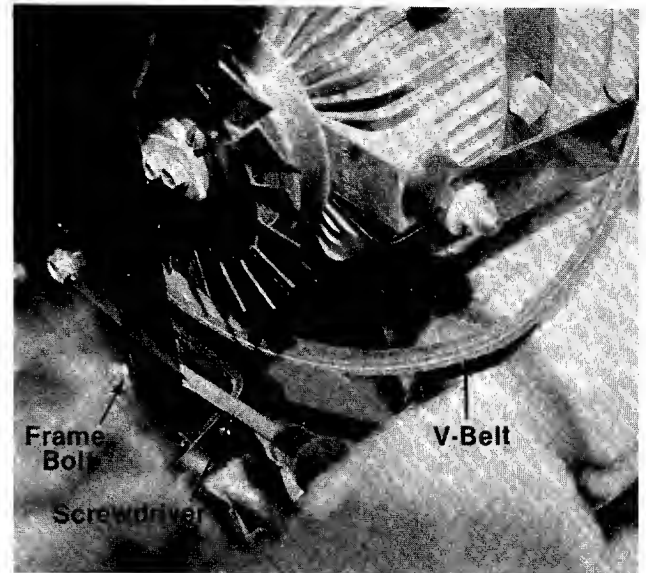


FIGURE 23.

OFF-SEASON STORAGE

If the machine is to be inoperative for a period longer than 30 days, prepare for storage as follows.

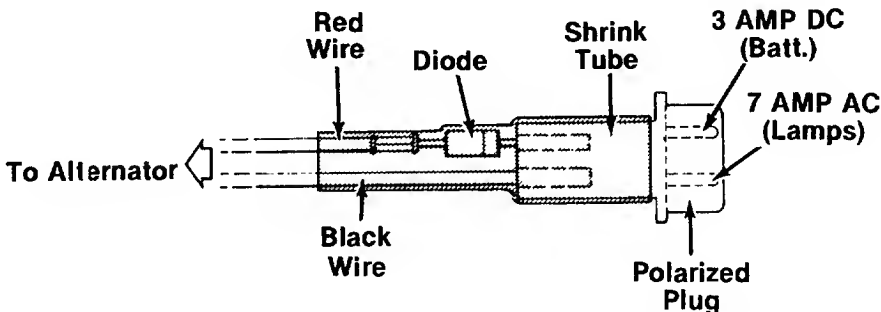
1. Clean the engine and the entire unit thoroughly.
2. Lubricate all lubrication points. Wipe the entire machine with an oiled rag to protect the surfaces.
3. Refer to the engine manual for correct engine storage instructions. The engine must be completely drained of fuel to prevent gum deposits from forming on essential carburetor parts, fuel lines and fuel tanks.
4. Refer to battery storage instructions on page 15.
5. Store unit in a clean, dry area.



CAUTION

When storing any type of power equipment in an unventilated or metal storage shed, care should be taken to rust proof the equipment. Using a light oil or silicone, coat the equipment, especially any chains, springs, bearings and cables.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

| TROUBLE | LOOK FOR | REMEDY |
|----------------------------------|--|--|
| Engine will not crank | Battery installed incorrectly | The battery must be installed with the negative, identified at the terminal post by (Neg, N or -) grounded. The positive (Pos, P or +) attaches to the large cable from the solenoid. The small red wire from the fuse holder or circuit breaker is also attached to the positive terminal. |
| | Blown fuse or circuit breaker | Replace fuse with 7½ amp. fuse ¼ x 1¼" lg. Circuit breaker will reset itself when it cools off. Fuses or circuit breakers seldom open or fail without a reason. The problem must be corrected. Check for loose connections in the fuse holder. Replace fuse holder if necessary. A dead short may be in the cranking or charging circuit where the insulation may have rubbed through and exposed the bare wire. Replace the wire or repair with electrician's tape if the wire strands have not been damaged. Note: Look for a wire pinched between body panels, burned by the exhaust pipe or muffler or rubbed against a moving part. |
| | Battery is dead or weak | <p>Use a hydrometer to check the condition of the battery. The Specific Gravity (s.g.) should be 1.265 at 80° F. (1.215 s.g. minimum needed for cranking engine). The reason for the battery failing must be determined. (1) Defective battery. Battery will not accept or hold a full charge. (2) Short circuit. Check for grounded wire. (3) Charging system not working, either engine alternator or trickle charger.</p> <p>Trickle Charger. Check with multimeter. Charger 725-0578—input 120 V A.C., no load output 13.5 V D.C., rated load current 1 amp. Charger 725-0507—input 120 V A.C., no load output 17.4 V D.C., rated load current 1½ amp.</p> <p>Alternator (dual or single circuit) The charging system is an alternator located under the flywheel. It is unregulated and rated 3 amp. at 3600 r.p.m. A diode (rectifier) is located in the output lead just before the wire harness plug on the engine side.</p> <div style="text-align: center;">  </div> <p>The diode changes A.C. to D.C. to charge the battery. A bad diode can either fail to charge the battery or discharge the battery if the alternator is shorted as well as the diode. To test: (1) Disconnect charger lead from the battery (small red wire). (2) Connect 12 V small test lamp between the 3 amp. D.C. charge lead and the positive terminal of the battery. (3) With the engine off, the lamp should not light. If it does, the diode and possibly the alternator should be replaced. (4) Start the engine. The lamp should light. If it does not, the alternator (stator) or lead wire is bad and should be replaced.</p> |
| | Mechanical failure. (Wires and switches) | The interlock system includes two mechanical activated switches which are wired in series in the circuit used to energize the starter solenoid. While testing the interlock system, you will make the mower temporarily unsafe by permitting the engine to be started with the blade and clutch engaged. WARNING: While testing, disengage the clutch, shut off the blade control, set the parking brake and place the gear shift lever in neutral. Attach a wire (minimum 18 gauge) to the positive terminal of the battery and touch the other end to the small terminal on the solenoid. If the engine does not crank: (1) There is a loose connection or poor ground. (2) The solenoid may be bad. The solenoid can be checked by using a heavy wire (#8 gauge minimum) and jumping between the two large terminals. If the engine cranks, the solenoid is bad. (3) If the engine does not crank when you jump the solenoid, have the starter motor tested by an authorized engine dealer. If the engine does crank, the problem is with one of the safety switches, ignition switch or the wire between the fuse holder (or circuit breaker) and the small terminal on the solenoid. Note: Look for a poor connection at the switches or a defective switch. Replace if necessary. |
| Engine cranks but will not start | Throttle or choke not in starting position | Check owner's guide for correct position for throttle control and choke (if separate control) for starting. |

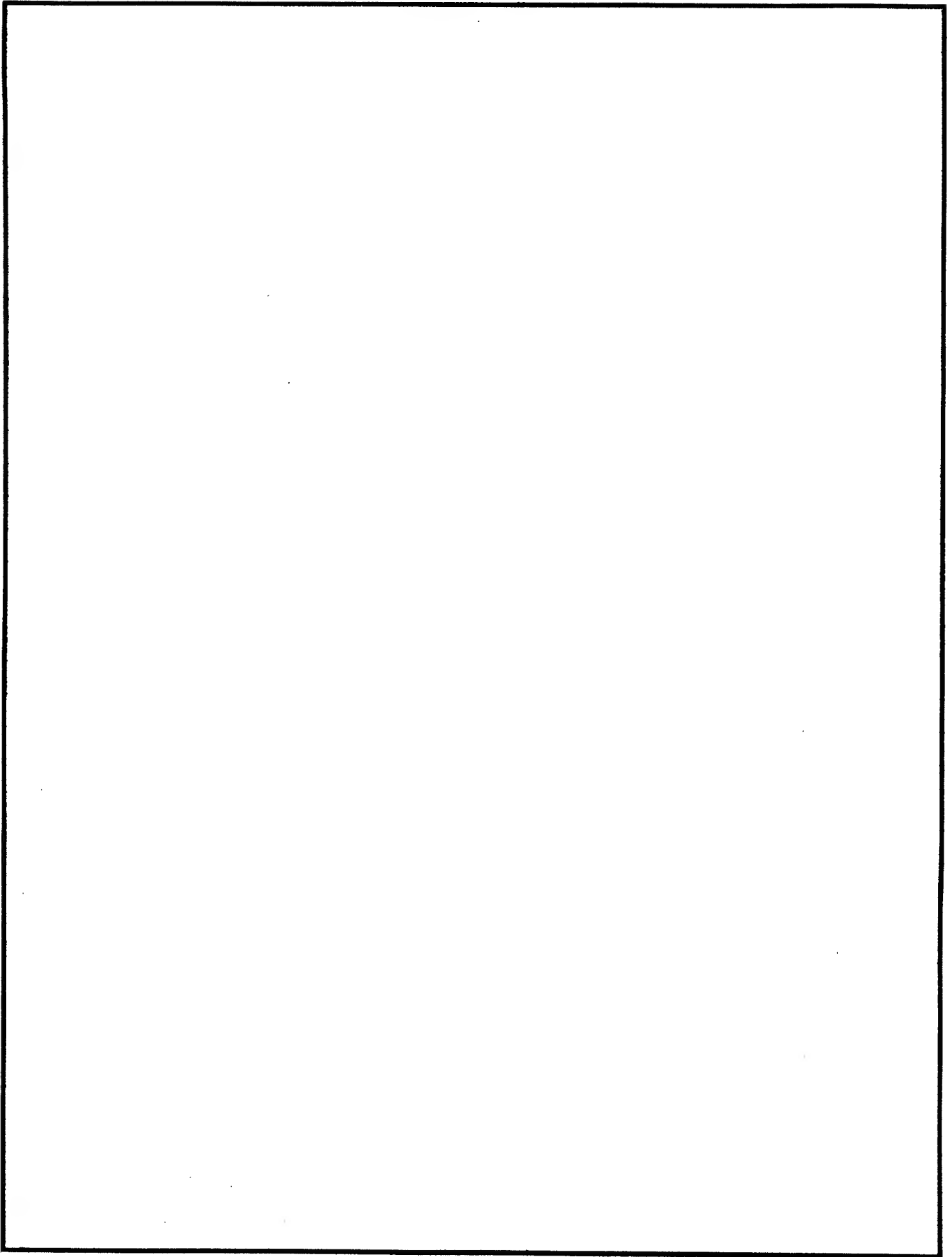
TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

| TROUBLE | LOOK FOR | REMEDY |
|---|--|--|
| | No spark to spark plug | Spark plug lead disconnected. Connect lead. Hold spark plug lead away from engine block about 1/8". Crank engine. There should be a spark. If not, have engine repaired at authorized engine service dealer. Faulty spark plug. To test, remove spark plug. Attach spark plug lead to spark plug. Ground the spark plug body against the engine block. Crank the engine. The spark plug should fire at the electrode. Replace if it does not. |
| | No fuel to the carburetor | Gasoline tank empty. Fill. Fuel valve shut off. Open valve. Valve is located either at the bottom of the fuel tank or on the carburetor. Fuel line plugged. Remove and clean. |
| | Air filter dirty | If the air cleaner is dirty, the engine may not start. Clean or replace as recommended by the engine manufacturer. |
| Engine smokes | Engine loses crankcase vacuum | Dipstick not seated or broken. Replace defective part. Engine breather defective. Replace. |
| Excessive vibration | Bent or damaged blade spindle | Stop engine immediately. Check all pulleys, blade adapters, keys and bolts for tightness and damage. Tighten or replace any damaged parts. |
| | Bent blade | Stop engine immediately. Replace damaged blade. Only use original equipment blades. |
| Mower will not discharge grass or leaves uncut strips | Engine speed low Transmission selection Blades short or dull | Throttle must be set between 3/4 and full throttle. Use lower transmission gear. The slower your ground speed, the better the quality of cut. Sharpen or replace blades (uncut strip problem only). |

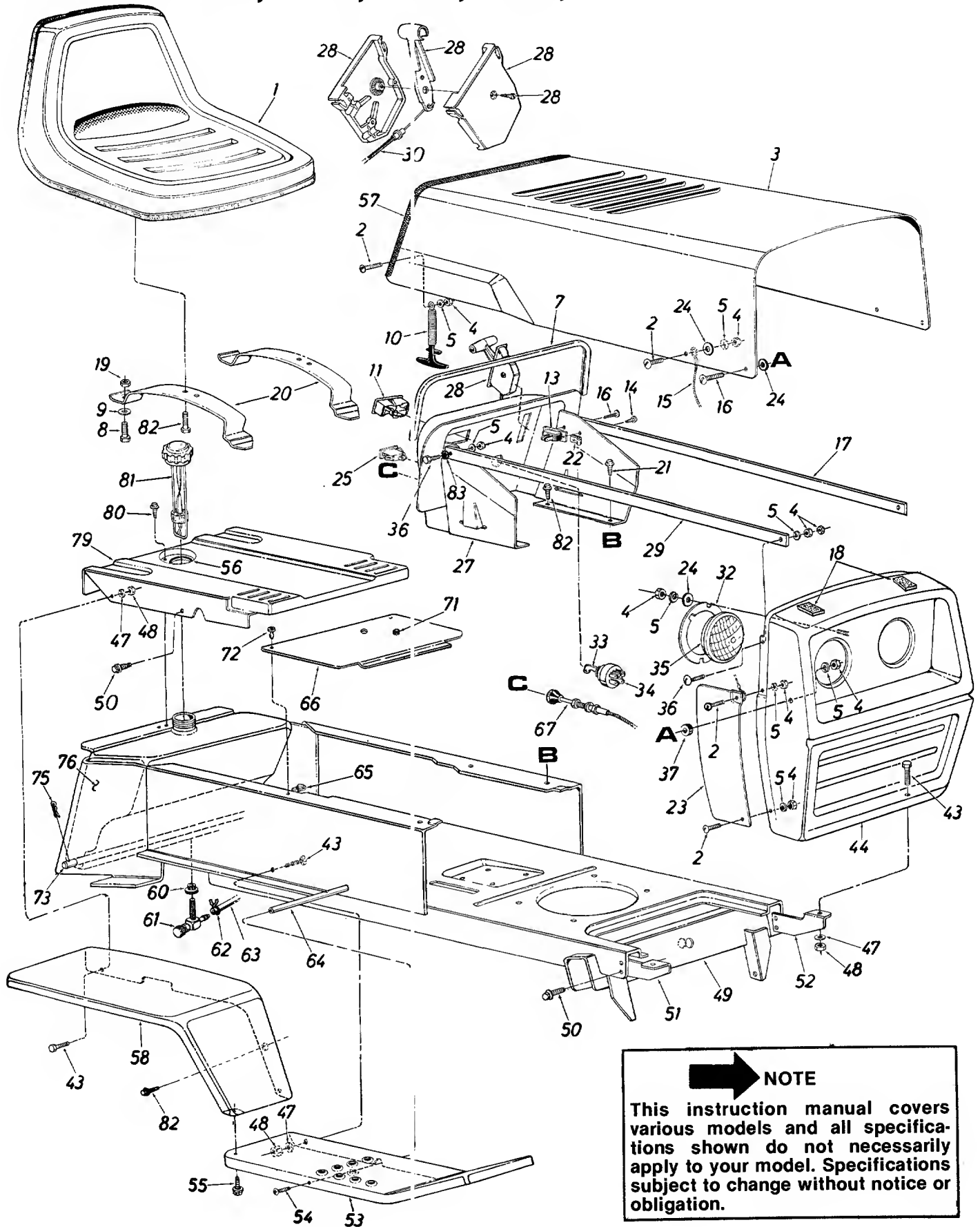
HYDROSTATIC TRANSMISSION TROUBLE SHOOTING

| | |
|---|--|
| No output torque (power) in either direction, cold start. | <ol style="list-style-type: none"> 1. Recheck relief valve position, control linkage, input drive. 2. Oil level in reservoir low. 3. Broken control shaft dowel pin. Transmission must be repaired or replaced. |
| Loss of output torque, continuous load | <ol style="list-style-type: none"> 1. Operating at conditions approaching hydraulic stall. The transmission fluid has exceeded 180°F. 2. Internal leakage due to wear. Transmission should be repaired or replaced. 3. Water in transmission fluid. Purge system of all fluid and replace with new transmission fluid. Replacement of the transmission is generally not necessary. |
| No output torque in one direction. | <ol style="list-style-type: none"> 1. One of the directional valves is stuck. Transmission should be repaired or replaced. 2. Low oil level. |
| Riding mower cannot be pushed with engine off. | <ol style="list-style-type: none"> 1. Relief valve control not set. 2. Relief valve travel not adjusted. 3. Motor piston or rotor seized. Transmission must be repaired or replaced. |
| No neutral. | <p>Recheck linkage. Loose linkage creates an adjustment problem.</p> <p>Note: The hydraulic neutral band is very narrow. Deflection in the linkage may make it difficult to obtain neutral from both directions. It is recommended that neutral should be positive from forward drive.</p> |
| Oil leakage at the control shaft seal | <ol style="list-style-type: none"> 1. Spillage when fluid has been added to the reservoir. 2. Spillage at the vent in the reservoir at operating temperatures due to cold level being too high or water in the fluid. Reduce fluid level or replace fluid in the event there is water in it (milky color). 3. Loose oil reservoir or cover. 4. Loose vent bolt. 5. Damaged control shaft seal. Transmission should be repaired. |
| Noisy operation. | <ol style="list-style-type: none"> 1. Operating at part throttle. Hydrostatic transmission is designed to operate with the engine running at full throttle. 2. Water in transmission fluid. Replace transmission fluid. 3. Air in transmission fluid. Bleed air from vent. |
| Output shaft rotates in the opposite direction. | <p>The transmission body is 180° out of position. Transmission has to be removed and reassembled correctly.</p> |

NOTES

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Models 760, 764, 784, 786, 794 and 796



Models 760, 764, 784, 786, 794 and 796

PARTS LIST FOR MODELS 760, 764, 784, 786, 794 AND 796 LAWN TRACTORS

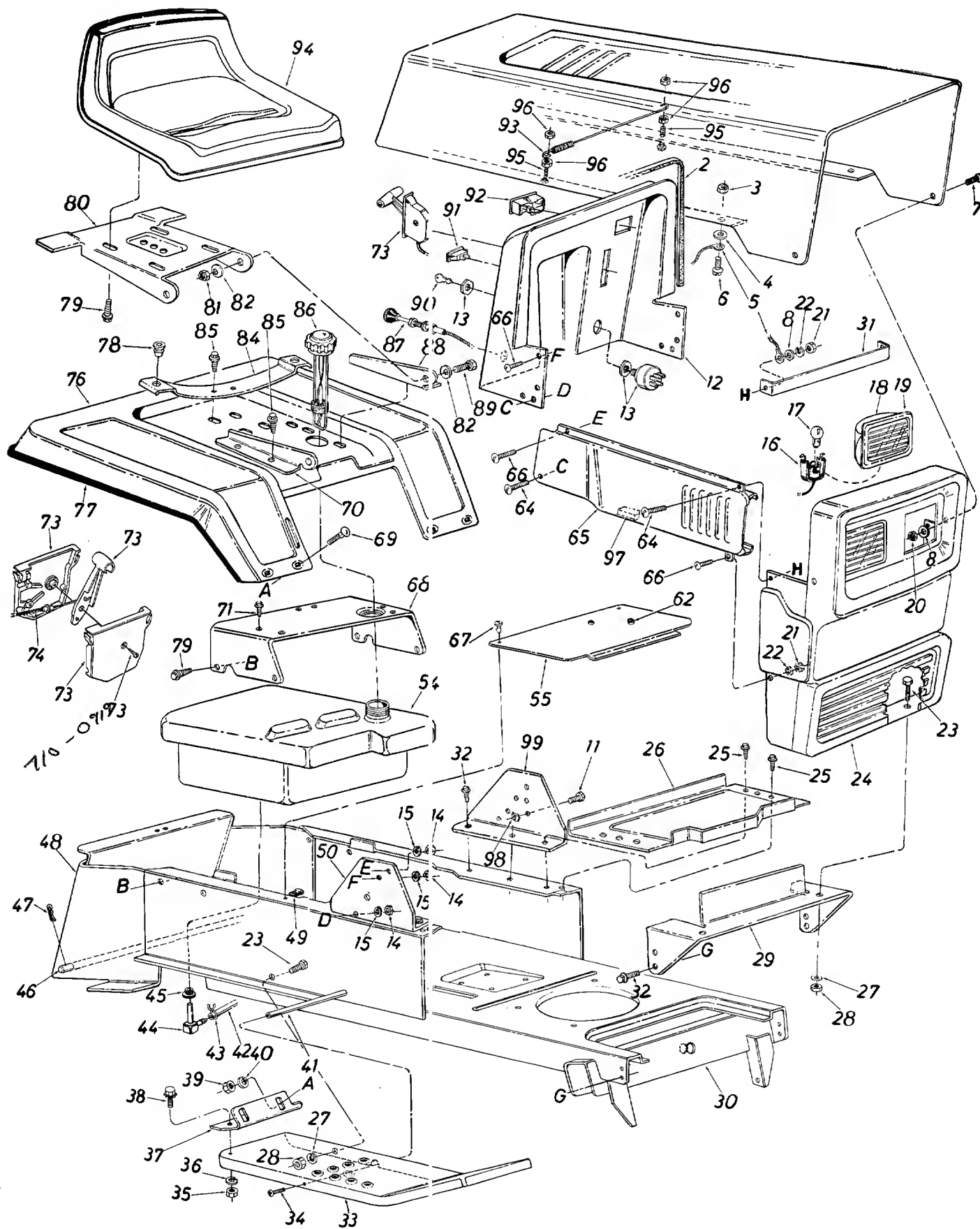
| REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART | REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART |
|----------|------------|------------|---|----------|----------|------------|------------|--|----------|
| 1 | 757-0298 | | Seat Assembly | | 43 | 710-0118 | | Hex Scr. 5/16-18 x .75" Lg.* | |
| 2 | 710-0286 | | Truss Mach. Scr. 1/4-20 x .50" Lg.* | | 44 | 13801 —462 | | Grille Ass'y. (Painted) | |
| 3 | 13808 —447 | | Hood | | | 14226 | | Grille Ass'y. (Chrome) | |
| 4 | 712-0287 | | Hex Nut 1/4-20 Thd.* | | 47 | 736-0119 | | L-Wash. 5/16" Scr.* | |
| 5 | 736-0329 | | L-Wash. 1/4" Scr.* | | 48 | 712-0267 | | Hex Nut 5/16-18 Thd.* | |
| 7 | 731-0511 | | Vinyl Molding Strip—29" | | 49 | 13820 | | Lower Frame Ass'y. | |
| 8 | 710-0689 | | Hex Nylon Scr. 1/2-13 x .75" Lg. | | 50 | 710-0726 | | Hex Thd. Rolling AB Scr. 5/16 x .75" Lg. | |
| 9 | 736-0192 | | Fl-Wash. .50" I.D. x 1.00" O.D. x .090 | | 51 | 13862 | | Grille Mount Brkt.—R.H. | |
| 10 | 723-0296 | | Hood Latch Ass'y. | | 52 | 13863 | | Grille Mount Brkt.—L.H. | |
| 11 | 725-0925 | | Ammeter | | 53 | 13828 —452 | | Running Board—R.H. | |
| 13 | 725-0459 | | Circuit Breaker 8 Amp. | | | 13827 —452 | | Running Board—L.H. (Not Shown) | |
| 14 | 710-0351 | | Hex Tap Scr. #10 x .50" Lg.* | | 54 | 710-0323 | | Truss Mach. Scr. 5/16-18 x .75" Lg.* | |
| 15 | 727-0199 | | Hood Stop | | 55 | 710-0726 | | Hex Thd. Rolling Scr. 5/16-24 x .75" Lg. | |
| 16 | 710-0255 | | Truss Mach. Scr. 1/4-20 x .75" Lg.* | | 56 | 735-0179 | | Grommet (Gas Tank Neck) | |
| 17 | 749-0220 | | Grille Positioning Rod | | 57 | 731-0511 | | Vinyl Moulding Strip—30" | |
| 18 | 722-0135 | | PVC Foam Strip 1/2 x 1.00" x 2.00" Lg. | | 58 | 13810 —462 | | Fender Ass'y.—R.H. | |
| 19 | 712-0206 | | Hex Nut 1/2-13 Thd.* | | | 13809 —462 | | Fender Ass'y.—L.H. (Not Shown) | |
| 20 | 13123 | | Seat Spring | | 60 | 735-0143 | | Bushing (Gas Tank) | |
| 21 | 710-0599 | | Hex Thd. Rolling Scr. 1/4" x .50" Lg. | | 61 | 751-0171 | | Fuel Shut-Off Valve (Optional) | |
| 22 | 712-0344 | | Speed Nut #10Z | | | 751-3054 | | 90° Nipple (Optional) | |
| 23 | 14748 —462 | | Grille Side Panel—R.H. | | 62 | 726-0199 | | Hose Clamp 3/8" | |
| | 14749 —462 | | Grille Side Panel—L.H. (Not Shown) | | 63 | 751-0173 | | Gas Line 46" Lg. | |
| 24 | 736-0173 | | Fl-Wash. 1/4" I.D. | | 64 | 738-0435 | | Running Board Rod | |
| 25 | 725-0634 | | Light Switch | | 65 | 712-0526 | | Speed Nut | |
| 27 | 15939 | | Dash Panel Ass'y. | | 66 | 14023 | | Transmission Cover | |
| 28 | 831-0692 | | Throttle Control Box Comp. | | 67 | 746-0394 | | Choke Control Comp. (16 and 18 H.P.) | |
| 29 | 749-0220 | | Grille Positioning Rod | | 71 | 731-0405 | | Snap Bushing | |
| 30 | 746-0501 | | Throttle Control Wire (11 H.P.) | | 72 | 710-0473 | | Truss Hd. Scr. 1/4-20 x .75" Lg. | |
| | 746-0503 | | Throttle Control Wire (16 and 18 H.P.) | | 73 | 738-0482 | | Hitch Rod | |
| 32 | 09960 | | Head Lamp Retainer | | 75 | 714-0147 | | Internal Cotter Pin | |
| 33 | 725-0201 | | Ignition Key | | 76 | 751-0259 | | Gas Tank | |
| 34 | 725-0267 | | Ignition Switch | | 79 | 13814 | | Seat Plate | |
| 35 | 725-0222 | | Head Lamp | | 80 | 710-0726 | | Hex Thd. Rolling Scr. 5/16-24 x .75" Lg. | |
| 36 | 710-0255 | | Truss Machine Scr. 1/4-20 x .75" Lg. | | 81 | 723-0346 | | Gas Gauge | |
| | | | Rubber Wash. .50" I.D. x 1.00 O.D. x .25 Thk. | | 82 | 710-0726 | | Hex Thd. Rolling Scr. 5/16-24 x .75" Lg. | |
| 37 | 735-0144 | | | | 83 | 736-0222 | | External Wash. 1/4" I.D. | |

(447—Patina Silver)
(462—Red Flake)

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

When ordering parts if color is important, use the appropriate color code listed above. (e.g. 12369—462 Red Flake.)

Models 765, 785 and 795

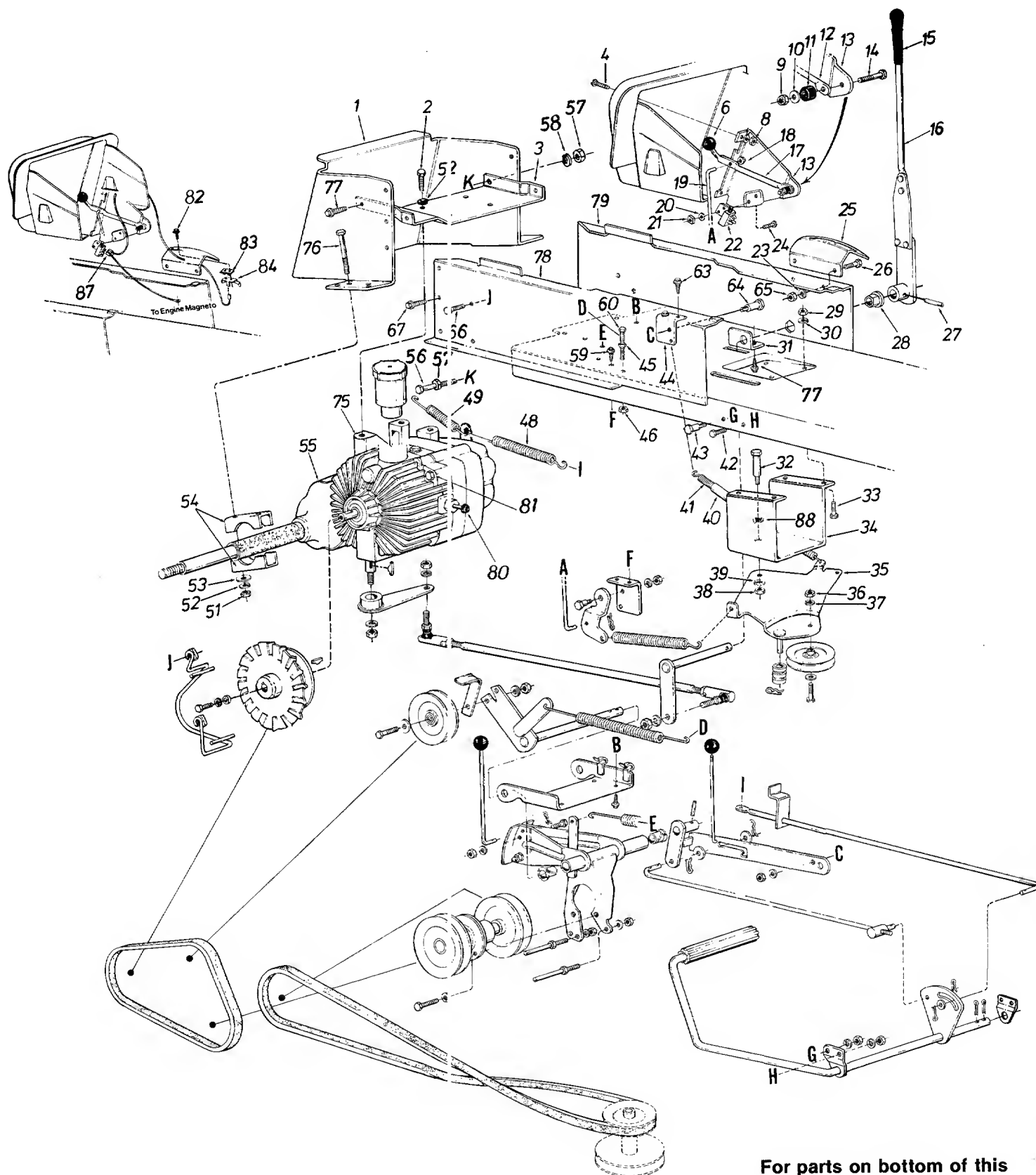


Models 765, 785 and 795

PARTS LIST FOR MODELS 765, 785 AND 795 LAWN TRACTORS

| REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART | REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART |
|----------|----------|------------|--|----------|----------|----------|------------|--|----------|
| 1 | 15808 | | Hood | N | 50 | 15818 | | Dash Support Brkt.—R.H. | N |
| 2 | 731-0511 | | Vinyl Molding Strip—27" | | 51 | 712-0267 | | Hex Nut 5/16-18 Thd.* | |
| 3 | 712-0272 | | Hex Sems Nut #10-24 Thd. | | 52 | 736-0119 | | L-Wash. 5/16" I.D.* | |
| 4 | 736-0931 | | FI-Wash. .20" I.D. x .41" O.D. | | 53 | 710-0118 | | Hex Bolt 5/16-18 x .75" Lg.* | |
| 5 | 727-0290 | | Hood Stop | | 54 | 751-0367 | | Fuel Tank | N |
| 6 | 710-0473 | | Truss Hd. Mach. Scr. #10-24 x .50" Lg.* | | 55 | 15832 | | Transmission Cover Ass'y. | N |
| 7 | 710-0258 | | Hex Bolt 1/4-20 x .62" Lg.* | | 62 | 731-0405 | | Snap Bushing | |
| 8 | 736-0463 | | FI-Wash. 1/4" I.D.* | | 64 | 710-0255 | | Truss Hd. Scr. 1/4-20 x .75" Lg.* | |
| 11 | 710-0351 | | Truss Mach. B-Tap Scr. #10 x 1/2" Lg. | | 65 | 15814 | | Side Panel—R.H. | N |
| 12 | 15811 | | Dash Ass'y. (11 H.P.) | N | | 15815 | | Side Panel—L.H. (Not Shown) | N |
| | 15812 | | Dash Ass'y. (16 and 18 H.P.) | N | 66 | 710-0286 | | Truss Mach. Scr. 1/4-20 x .50" Lg.* | |
| 13 | 725-0267 | | Ignition Switch | | 67 | 726-0151 | | Fastener | |
| 14 | 712-0287 | | Hex Nut 1/4-20 Thd.* | | 68 | 15849 | | Seat Mounting Channel | N |
| 15 | 736-0329 | | L-Wash. 1/4" I.D.* | | 69 | 710-0167 | | Carriage Bolt 1/4-20 x .50" Lg.* | |
| 16 | 725-0964 | | Socket | N | | | | | |
| 17 | 725-0963 | | Lamp | N | 70 | 15802 | | Seat Bracket—R.H. | N |
| 18 | 731-0705 | | Headlight Housing | N | 71 | 710-0600 | | Hex Wash. Hd. Self-Tap Scr. 5/16-24 x .50" Lg. | |
| 19 | 731-0706 | | Lens | N | | | | Throttle Control Box Ass'y. (11 H.P.) | N |
| 20 | 712-0107 | | Hex L-Nut 1/4-20 Thd. | | 73 | 831-0692 | | Throttle Control Wire | |
| 21 | 712-0287 | | Hex Nut 1/4-20 Thd.* | | 74 | 746-0501 | | Throttle Control Wire (16 and 18 H.P.) | |
| 22 | 736-0329 | | L-Wash. 1/4" I.D.* | | | | | Rear Fender | N |
| 23 | 710-0118 | | Hex Bolt 5/16-18 x .75" Lg.* | | 76 | 15886 | | Trim Strip—81" | |
| 24 | 15804 | | Grille | N | 77 | 731-0511 | | Grommet | |
| 25 | 710-0599 | | Hex Wash. Hd. AB-Tap Scr. 1/4 x .50" Lg. | | 78 | 731-0555 | | Hex Wash. Hd. AB-Tap Scr. 3/8 x .75" Lg. | |
| 26 | 13379 | | Battery Plate | | 79 | 710-0623 | | Seat Pivot Bracket | N |
| 27 | 736-0119 | | L-Wash. 5/16" I.D.* | | 80 | 15607 | | Hex Cent. L-Nut 5/16-18 Thd. | |
| 28 | 712-0267 | | Hex Nut 5/16-18 Thd.* | | 81 | 712-0158 | | Belleville Wash. .34" I.D. x .88" O.D. | |
| 29 | 15825 | | Grille Mounting Bracket | N | 82 | 736-0242 | | Seat Spring | |
| 30 | 13820 | | Lower Frame Ass'y. | | 84 | 732-0431 | | Hex Wash. Hd. Self-Tap Scr. 5/16-24 x .50" Lg. | |
| 31 | 15931 | | Tie Strap—Grille/Side Panel | N | 85 | 710-0600 | | Gas Cap w/Gauge | |
| 32 | 710-0726 | | Hex Thd. Rolling Scr. 5/16-24 x .75" Lg. | | 86 | 751-0370 | | Choke Control Comp. (16 and 18 H.P.) | |
| 33 | 13828 | | Running Board—R.H. | | 87 | 746-0394 | | Seat Bracket—L.H. | N |
| | 13827 | | Running Board—L.H. (Not Shown) | | 88 | 15803 | | Hex Bolt 5/16-18 x .75" Lg.* | |
| 34 | 710-0323 | | Truss Mach. Scr. 5/16-18 x .75" Lg.* | | 89 | 710-0118 | | Ignition Key | |
| 35 | 712-0267 | | Hex Nut 5/16-18 Thd.* | | 90 | 725-0201 | | Light Switch | |
| 36 | 736-0242 | | Bell-Wash. .34" I.D. | | 91 | 725-0634 | | Ammeter | N |
| 37 | 15846 | | Fender Brkt.—R.H. | N | 92 | 725-0925 | | Hood Spring | N |
| | 15847 | | Fender Brkt.—L.H. (Not Shown) | N | 93 | 732-0462 | | Seat Ass'y. | |
| 38 | 710-0118 | | Hex Bolt 5/16-18 x .75" Lg.* | | 94 | 757-0298 | | Hex Bolt #10-24 x 1.0" Lg. | |
| 39 | 712-0287 | | Hex Nut 1/4-20 Thd.* | | 95 | 710-0749 | | Hex Top L-Nut #10-24 | |
| 40 | 736-0329 | | L-Wash. 1/4" I.D.* | | 96 | 712-0102 | | Rubber Bumper 3/8" Sq. x 2 1/2" Lg. | |
| 41 | 738-0435 | | Running Board Rod | | 97 | 735-3005 | | Speed Nut #10-24 | |
| 42 | 751-0173 | | Fuel Line 60" Lg. | | 98 | 712-0121 | | Dash Support Brkt.—L.H. | N |
| 43 | 726-0183 | | Hose Clamp 3/8" | | 99 | 15829 | | Foot Pad (Optional) | |
| 44 | 751-0188 | | 90° Nipple | | 100 | 723-0360 | | (Not Shown) | |
| 45 | 735-0149 | | Bushing (Fuel Tank) | | | | | | |
| 46 | 738-0482 | | Hitch Rod | | | | | | |
| 47 | 714-0147 | | Internal Cotter Pin | | | | | | |
| 48 | 13813 | | Hitch Plate | | | | | | |
| 49 | 726-0156 | | Speed Nut | | | | | | |

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



For parts on bottom of this page, refer to page 28.

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR MODELS 760, 764, 765, 784, 785, 786, 794, 795 AND 796 LAWN TRACTORS

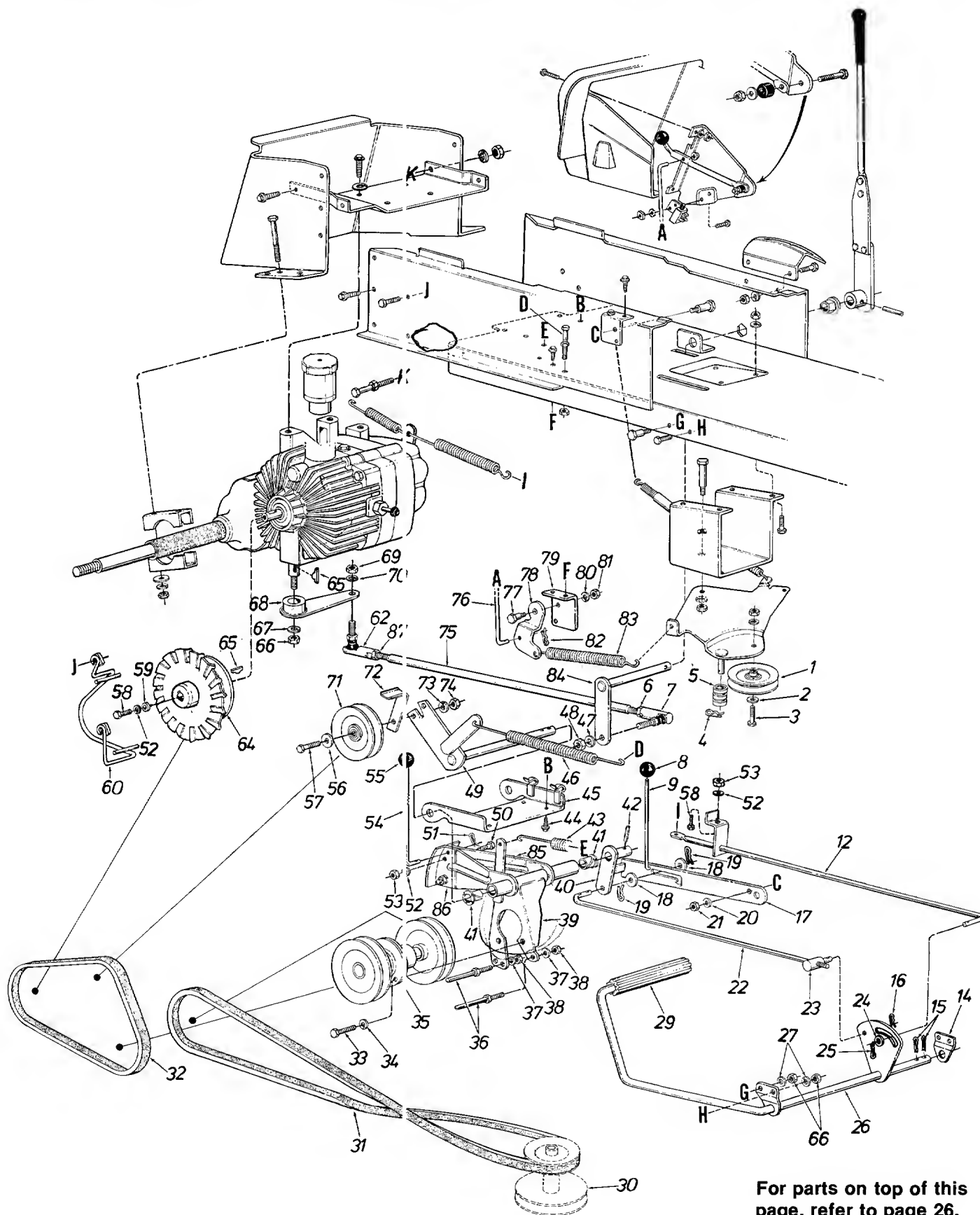
| REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART | REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART |
|----------|----------|------------|--|----------|----------|------------|------------|--|----------|
| 1 | 13813 | | Hitch Plate | | 43 | 738-0234 | | Shld. Scr. .50" Dia. x .395" Lg. (3/8-16) | |
| 2 | 710-0216 | | Hex Bolt 3/8-16 x .75" Lg.* | | 44 | 13833 | | Parking Brake Cam Mtg. Brkt. | |
| 3 | 13835 | | Rear Axle Support Brkt. | | 45 | 712-0267 | | Hex Nut 5/16-28 Thd.* | |
| 4 | 710-0286 | | Truss Mach. Scr. 1/4-20 x .50" Lg.* | | 46 | 712-0267 | | Hex Nut 5/16-18 Thd.* | |
| 6 | 720-0165 | | Knob—Blade Clutch | | 48 | 732-0413 | | Brake Tension Spring | |
| 8 | 712-0271 | | Hex Sems Nut 1/4-20 Thd.* | | 49 | 732-0157 | | Ext. Spring—Brake Return | |
| 9 | 712-0107 | | Hex Cent. L-Nut 1/4-20 Thd. | | 51 | 712-0798 | | Hex Nut 3/8-16 Thd.* | |
| 10 | 736-0173 | | Fl-Wash. .28" I.D. x .74" O.D. x .063 | | 52 | 736-0169 | | L-Wash. 3/8" I.D.* | |
| 11 | 735-0126 | | Rubber Wash. .33" I.D. x .87" O.D. x .30 | | 53 | 736-0258 | | Fl-Wash. .390" I.D. x 1.00" O.D. x .125" Thk. | |
| 12 | 747-0157 | | Blade Clutch Lever | | 54 | 13892 | | Rear Axle Bracket | |
| 13 | 13950 | | Deck Clutch Cont. Brkt. | | 55 | — | | Transaxle (See Breakdown Page 34) | |
| 14 | 710-0597 | | Hex Bolt 1/4-20 x 1.00" Lg.* | | 56 | 710-0501 | | Hex Bolt 1/4-20 x 2" Lg.* | |
| 15 | 720-0143 | | Grip | | 57 | 712-0287 | | Hex Nut 1/4-20 Thd.* | |
| 16 | 14038 | | Control Arm Ass'y. | | 58 | 736-0329 | | L-Wash. 1/4" I.D.* | |
| 17 | 747-0157 | | Blade Clutch Lever | | 59 | 710-0599 | | Hex Wash. Hd. Self-Tap Scr. 1/4-20 x .50" Lg. | |
| 18 | 726-0106 | | Push Nut 1/4" O.D. Rod | | 60 | 710-0442 | | Hex Bolt 5/16-18 x 1.50" Lg. | |
| 19 | 747-0307 | | Deck Control Rod | | 63 | 710-0599 | | Hex Wash. Hd. Self-Tap Scr. 1/4-20 x .50" Lg. | |
| 20 | 736-0147 | | Ext. L-Wash. #10 Scr.* | | 64 | 738-0155 | | Shld. Scr. .437" Dia. x .162" Lg. | |
| 21 | 712-0121 | | Hex Nut #10-24 Thd.* | | 65 | 712-0267 | | Hex Nut 5/16-18 Thd.* | |
| 22 | 725-0465 | | Safety Switch | | 66 | 710-0773 | | Hex Wash. Hd. Scr. 3/8-16 x .50" Lg.* | |
| 23 | 736-0119 | | L-Wash. 5/16" I.D.* | | 67 | 710-0600 | | Hex Wash. Hd. Self-Tap Scr. 5/16-24 x .50" Lg. | |
| 24 | 710-0473 | | Truss Mach. Scr. #10-24 x .50" Lg.* | | 75 | 717-0426 | | Hydrostatic Pump Comp. | |
| 25 | 14020 | | Speed Control Bracket | | 76 | 710-0316 | | Hex Bolt 3/8-16 x 3.5" Lg. | |
| 26 | 710-0752 | | Hex Bolt 5/16-18 x .62" Lg.* | | 77 | 710-0726 | | Hex AB-Tap Scr. 5/16 x .75" Lg. | |
| 27 | 715-0114 | | Spring Pin Spiral 1/4" Dia. x 1.5" Lg. | | 78 | 13849 —462 | | Side Panel Upper Frame R.H. | |
| 28 | 741-0225 | | Hex Flange Brg. | | 79 | 13847 —462 | | Side Panel Upper Frame L.H. | |
| 29 | 712-0267 | | Hex Nut 5/16-18 Thd.* | | 80 | 731-0493 | | Cap | |
| 30 | 736-0119 | | L-Wash. 5/16" I.D.* | | 81 | 710-0492 | | Socket Hd. Bolt 3/8-16 x 2.75" Lg. | |
| 31 | 14035 | | Speed Control Shaft Brkt. | | 82 | 710-0227 | | Hex Wash. Hd. Scr. #8 x .50" Lg. | |
| 32 | 738-0155 | | Shld. Scr. .437" Dia. x .162" Lg. | | 83 | 726-0222 | | Insulator Nut Plate | |
| 33 | 710-0376 | | Hex Bolt 5/16-18 x 1.00" Lg.* | | 84 | 725-0759 | | Spring Switch | |
| 34 | 13826 | | Idler Support Brkt. | | 87 | 725-0764 | | Reverse Lockout Wire | |
| 35 | 13893 | | Idler Brkt. Ass'y. | | 88 | 736-0141 | | Harness | |
| 36 | 712-0798 | | Hex Nut 3/8-16 Thd.* | | | | | Wave Washer | |
| 37 | 736-0105 | | Belleville Washer 3/8" I.D. | | | | | | |
| 38 | 712-0267 | | Hex Nut 5/16-18 Thd. | | | | | | |
| 39 | 736-0119 | | L-Wash. 5/16" I.D.* | | | | | | |
| 40 | 731-0483 | | Convolved Conduit .50" I.D. | | | | | | |
| 41 | 732-0308 | | Ext. Spring .50" O.D. x 6.37" Lg. | | | | | | |
| 42 | 710-0201 | | Hex Bolt 3/8-16 x .62" Lg.* | | | | | | |

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

When ordering parts if color is important, use the appropriate color code listed above. (e.g. 12369—462 Red Flake.)

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



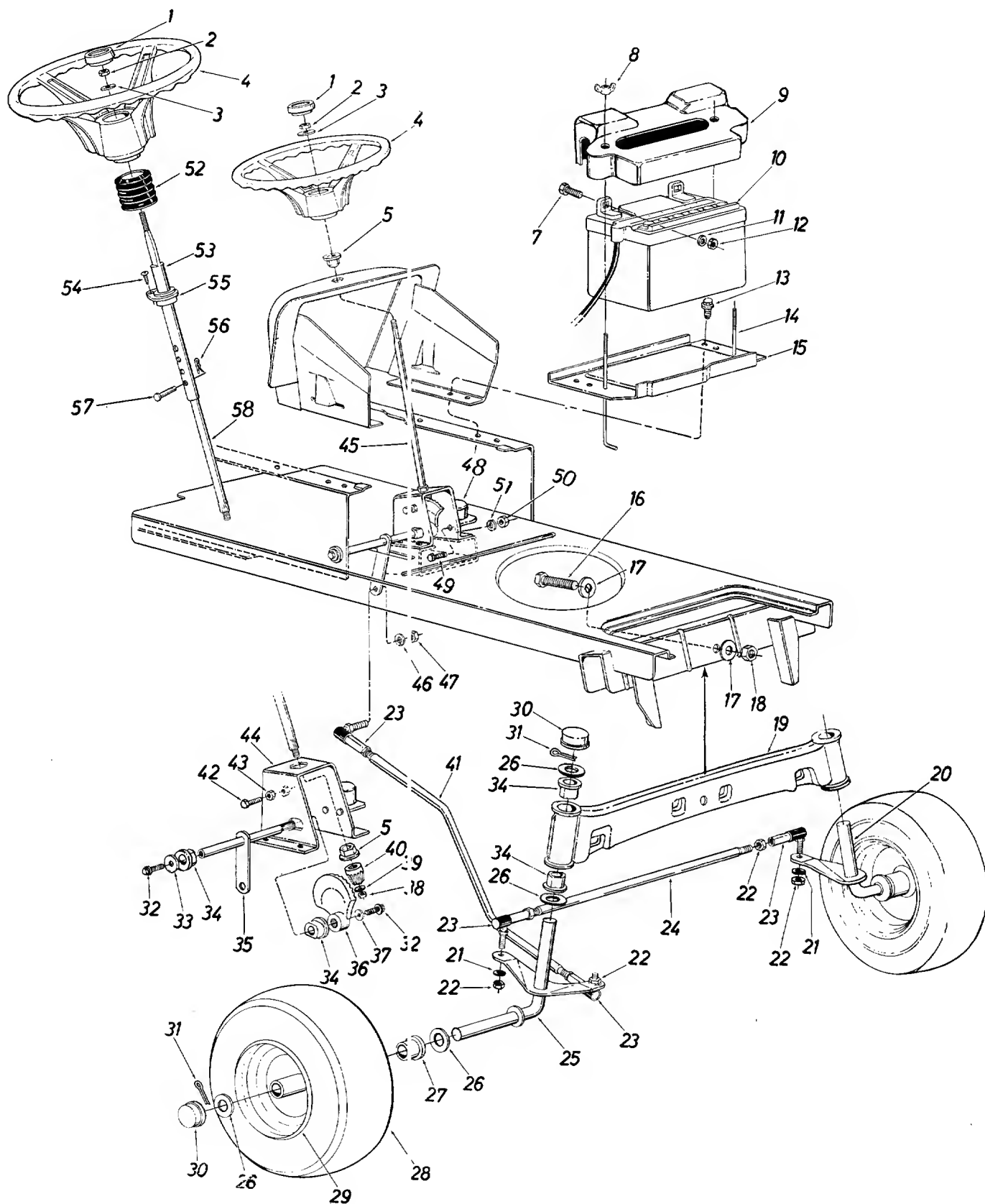
For parts on top of this page, refer to page 26.

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR MODELS 760, 764, 765, 784, 785, 786, 794, 795 AND 796 LAWN TRACTORS

| REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART | REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART |
|----------|----------|------------|---|----------|----------|----------|------------|---|----------|
| 1 | 756-0293 | | 4" Dia. "V"-Idler Pulley | | 45 | 13822 | | Idler Mtg. Brkt. | |
| 2 | 736-0300 | | FI-Wash. 3/8" I.D. | | 46 | 732-0384 | | Ext. Spring (Drive Idler) | |
| 3 | 710-0342 | | Hex Bolt 3/8-16 x 1.25" Lg.* | | 47 | 736-0169 | | L-Wash. 3/8" I.D.* | |
| 4 | 714-0104 | | Intern. Cotter Pin 5/16" Dia. | | 48 | 712-0241 | | Hex Nut 3/8-24 Thd.* | |
| 5 | 748-0278 | | Spacer | | 49 | 13815 | | Clutch Brkt. Ass'y. | |
| 6 | 712-0711 | | Hex Jam L-Nut 3/8-24 Thd. | | 50 | 710-0289 | | Hex Bolt 1/4-20 x .50" Lg.* | |
| 7 | 723-0156 | | Ball Joint Ass'y. 3/8-24 Thd. | | 51 | 714-0104 | | Internal Cotter Pin 5/16" Dia. | |
| 8 | 720-0166 | | Ball Knob | | | | | Rod | |
| 9 | 747-0300 | | Parking Brake Link | | 52 | 736-0329 | | L-Wash. 1/4" I.D.* | |
| 11 | 14027 | | Brake Rod Hanger | | 53 | 712-0287 | | Hex Nut 1/4-20 Thd.* | |
| 12 | 747-0400 | | Brake Rod | | 54 | 747-0312 | | Relief Valve Lockout Rod | |
| 14 | 13859 | | Clutch Rod Brg. Brkt. | | 55 | 720-0187 | | Ball Knob | |
| 15 | 714-0115 | | Cotter Pin 1/8" Dia. x 1.00" Lg.* | | 56 | 736-0300 | | FI-Wash. 3/8" I.D. | |
| | | | | | 57 | 710-0342 | | Hex Bolt 3/8-16 x 1.25" Lg.* | |
| 16 | 714-0145 | | Hairpin Cotter 1/2" Dia. | | 58 | 710-0258 | | Hex Bolt 1/4-20 x .62" Lg.* | |
| 17 | 13832 | | Parking Brake Cam | | 59 | 736-0176 | | FI-Washer | |
| 18 | 736-0101 | | FI-Wash. .406 I.D. x 1.00" O.D. x .030 | | 60 | 14016 | | Belt Guard Ass'y. | |
| | | | | | 62 | 723-0351 | | Ball Joint Ass'y. 3/8-24 L.H. Thd. | |
| 19 | 714-0145 | | Hairpin Cotter 1/2" Dia. | | | | | Transaxle Pulley w/Fan | |
| 20 | 736-0275 | | FI-Wash. 5/16" Scr.* | | 64 | 756-0364 | | Hi-Pro Key 1/8" x 1/2" Dia. | |
| 21 | 712-0267 | | Hex Nut 5/16-18 Thd.* | | 65 | 714-0156 | | Hex Nut 3/8-16 Thd.* | |
| 22 | 747-0306 | | Brake Cam Rod | | 66 | 712-0798 | | L-Wash. 3/8" I.D.* | |
| 23 | 711-0198 | | Pivot Bushing | | 67 | 736-0169 | | Pintle Arm Ass'y. | |
| 24 | 736-0275 | | FI-Wash. .401" I.D. x .749" O.D. x .057" Thk. | | 68 | 14022 | | Hex Nut 3/8-24 Thd.* | |
| | | | | | 69 | 712-0241 | | L-Wash. 3/8" I.D.* | |
| 25 | 714-0115 | | Cotter Pin 1/8" Dia. x 1.00" Lg. | | 70 | 736-0169 | | 4" "V"-Idler Pulley | |
| 26 | 13856 | | Clutch Brake Pedal Ass'y. | | 71 | 756-0293 | | Belt Guard (Clutch Idler) | |
| 27 | 736-0169 | | L-Wash. 3/8" I.D.* | | 72 | 13819 | | L-Wash. 3/8" I.D.* | |
| 29 | 735-0196 | | Foot Pad | | 73 | 736-0169 | | Hex Nut 3/8-16 Thd.* | |
| 30 | 756-0328 | | Two-Step Engine Pulley 4.75" and 5.56" | | 74 | 712-0798 | | Speed Control Rod | |
| | | | | | 75 | 747-0321 | | Deck Control Rod | |
| 31 | 754-0245 | | "V"-Belt 1/2" x 59" Lg. | | 76 | 747-0307 | | Shld. Scr. .437" Dia. x .162" Lg. (5/16-18) | |
| 32 | 754-0255 | | "V"-Belt 1/2" x 37" Lg. | | 77 | 738-0155 | | Deck Control Pivot Brkt. | |
| 33 | 710-0198 | | Hex Sems Bolt 5/16-18 x .75" Lg.* | | 78 | 13887 | | Parking Brake Cam Mtg. Brkt. | |
| | | | | | 79 | 13833 | | L-Wash. 5/16" I.D.* | |
| 34 | 736-0119 | | L-Wash. 5/16" I.D.* | | 80 | 736-0119 | | Hex Nut 5/16-18 Thd.* | |
| 35 | 756-0324 | | Jack Shaft Ass'y. | | 81 | 712-0267 | | Internal Cotter Pin 5/16" Rod | |
| 36 | 711-0696 | | Stud 3/8-16 x 3.62" Lg. | | 82 | 714-0104 | | Extension Spring | |
| 37 | 736-0169 | | L-Wash. 3/8" I.D.* | | 83 | 732-0384 | | Speed Control Shaft Ass'y. | |
| 38 | 712-0798 | | Hex Nut 3/8-16 Thd.* | | 84 | 14034 | | Relief Valve Cam—L.H. | |
| 39 | 13823 | | Jack Shaft Mtg. Brkt. Ass'y. | | 85 | 14025 | | Relief Valve Cam—R.H. | |
| 40 | 13871 | | Clutch Idler Horn Ass'y. | | 86 | 14026 | | Hex Jam L-Nut 3/8-24 L.H. Thd.* | |
| 41 | 741-0295 | | Nyliner 5/8" I.D. x .88" Lg. | | 87 | 712-0312 | | | |
| 42 | 715-0114 | | Spring Pin Spiral 1/4" Dia. x 1.5" Lg. | | | | | | |
| 43 | 732-0153 | | Ext. Spring (Jack Shaft) | | | | | | |
| 44 | 710-0599 | | Hex Wash. Hd. Self-Tap Scr. 1/4-20 x .50" Lg. | | | | | | |

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



STEERING

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

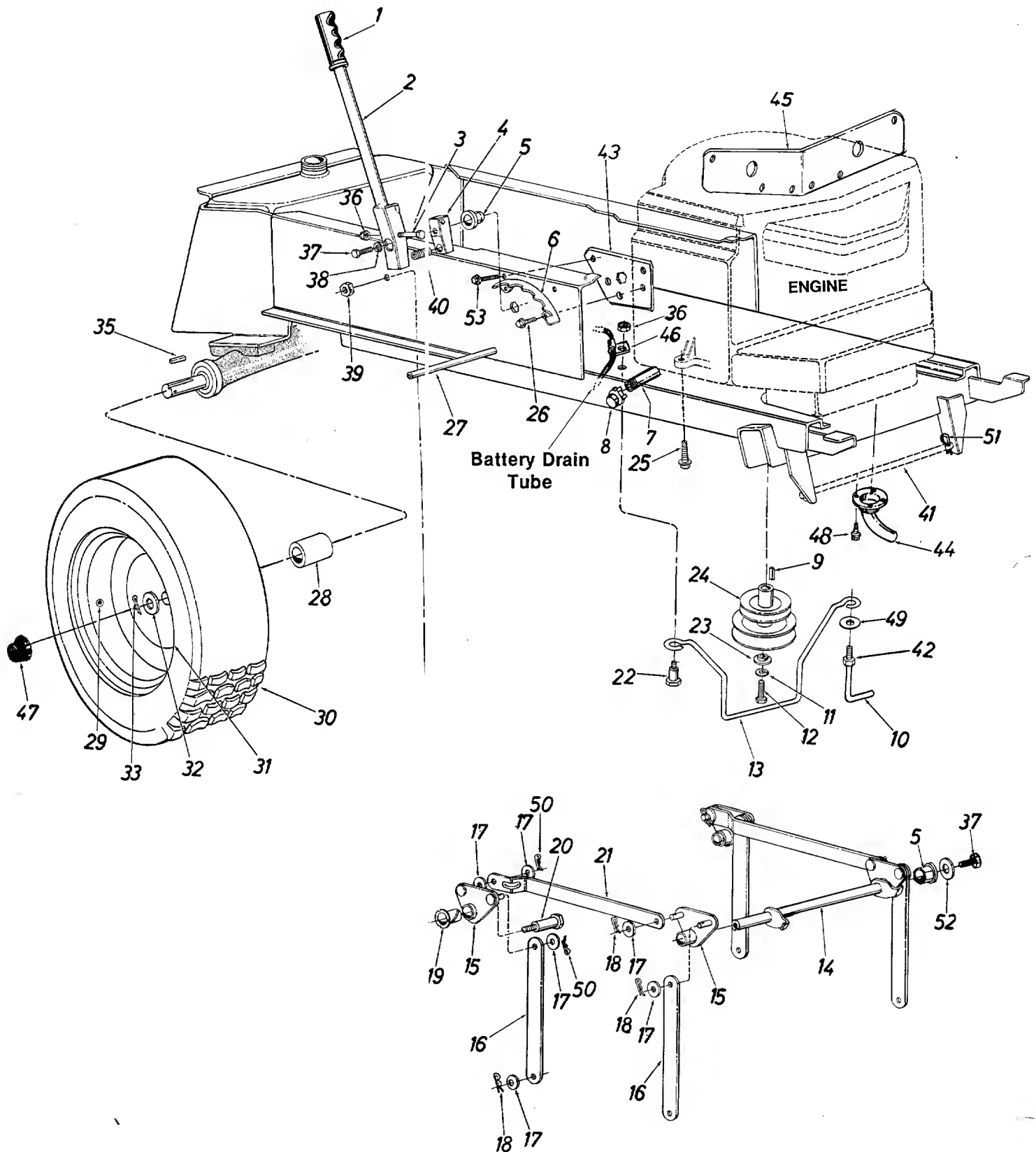
PARTS LIST FOR MODELS 760, 764, 765, 784, 785, 786, 794, 795 AND 796 LAWN TRACTORS

| REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART | REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART |
|----------|----------|------------|--|----------|----------|----------|------------|---|----------|
| 1 | 731-0220 | | Steering Wheel Cap | | 31 | 714-0121 | | Cotter Pin 5/32" Dia. x 1.00" Lg.* | |
| 2 | 712-0158 | | Hex Cent. L-Nut 5/16-18 Thd. | | 32 | 710-0180 | | Hex Scr. 3/8-24 x .75" Lg. Grade 5 | |
| 3 | 736-0242 | | Bell-Wash. 5/16" I.D. x .87" O.D. x .060 | | 33 | 736-0133 | | Fl-Wash. 3/8 I.D. x 1.25 O.D. x .090 | |
| 4 | 731-0356 | | Steering Wheel | | 34 | 741-0199 | | Flange Double "D" Brg. .753 I.D. | |
| 5 | 741-0225 | | Plastic Hex Bearing 5/8" I.D.† | | 35 | 12749 | | Steering Arm Shaft Ass'y. | |
| 7 | 710-0258 | | Hex Scr. 1/4-20 x .62" Lg. | | 36 | 748-0236 | | Side Gear—Steering | |
| 8 | 712-0113 | | Wing Nut Plastic 1/4-20 Thd. | | 37 | 736-0105 | | Bell-Wash. 3/8" I.D. | |
| 9 | 731-0707 | | Battery Cover | | 38 | 712-0237 | | Hex Cent. L-Nut 5/16-24 Thd. | |
| 10 | 725-0453 | | 12-V Battery | | 39 | 736-0264 | | Fl-Wash. 5/16" I.D. x .62 O.D. x .059 | |
| 11 | 736-0329 | | L-Wash. 1/4" Scr.* | | 40 | 748-0237 | | Pinion Gear—Steering | |
| 12 | 712-0287 | | Hex Nut 1/4-20 Thd.* | | 41 | 747-0302 | | Drag Link | |
| 13 | 710-0599 | | Hex Thd. Rolling Scr. 1/4-20 x .50" Lg. | | 42 | 710-0670 | | Hex Nylon Scr. 3/8-16 x 1.25" Lg. | |
| 14 | 711-0222 | | Battery Hold Down Rod | | 43 | 712-0798 | | Hex Nut 3/8-16 Thd.* | |
| 15 | 13379 | | Battery Plate | | 44 | 12850 | | Steering Gear Sup. Ass'y. | |
| 16 | 710-0533 | | Hex Scr. 5/8-18 x 2.50" Lg.* | | 45 | 738-0317 | | Steering Shaft† | |
| 17 | 736-0282 | | Flat Wash. .66" I.D. x 2.25" O.D. x .17 | | 46 | 736-0169 | | L-Wash. 3/8" Scr.* | |
| 18 | 712-0923 | | Hex Cent. L-Nut 5/8-18 Thd. | | 47 | 712-0241 | | Hex Nut 3/8-24 Thd.* | |
| 19 | 13865 | | Front Pivot Bar Ass'y. | | 48 | 725-0771 | | Solenoid | |
| 20 | 13839 | | Front Axle Ass'y.—L.H. | | 49 | 710-0258 | | Hex Scr. 1/4-20 x .62" Lg. | |
| 21 | 736-0169 | | L-Wash. 3/8" Scr.* | | 50 | 712-0287 | | Hex Nut 1/4-20 Thd.* | |
| 22 | 712-0241 | | Hex Nut 3/8-24 Thd.* | | 51 | 736-0329 | | L-Wash. 1/4" Scr.* | |
| 23 | 723-0156 | | Ball Joint Ass'y. | | 52 | 731-0559 | | Steering Bellow†† | |
| 24 | 747-0301 | | Tie Rod | | 53 | 14775 | | Upper Steering Shaft†† | |
| 25 | 13838 | | Front Axle Ass'y.—R.H. | | 54 | 710-0837 | | Oval Hd. Cr.-Sunk Scr. #10 x 5/8" Lg.†† | |
| 26 | 736-0316 | | Fl-Wash. .780 I.D. x 1.59 O.D. | | 55 | 741-0356 | | Fl-Bearing .89" I.D. x 1.36" O.D.†† | |
| 27 | 741-0382 | | Flange Bearing | | 56 | 714-0147 | | Hairpin Cotter†† | |
| 28 | 734-0960 | | Front Wheel Ass'y. Comp. | | 57 | 711-0684 | | Clevis Pin†† | |
| 29 | 734-0498 | | Front Wheel Tire Only | | 58 | 738-0588 | | Lower Steering Shaft†† | |
| | 734-0961 | | Front Wheel Rim Only | | | | | | |
| | 734-0255 | | Air Valve | | | | | | |
| | 737-0146 | | Grease Fitting | | | | | | |
| 30 | 731-0484 | | Dust Cover | | | | | | |

†Models 760, 764, 784, 786, 794 and 796 only.

††Models 765, 785 and 795 only.

Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR MODELS 760, 764, 765, 784, 785, 786, 794, 795 AND 796 LAWN TRACTORS

| REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART | REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART |
|----------|----------|------------|--|----------|----------|----------|------------|---|----------|
| 1 | 720-0157 | | Grip | | 27 | 738-0435 | | Running Board Rod | |
| 2 | 14233 | | Lift Handle Ass'y. | | 28 | 750-0490 | | Spacer 1.0" I.D. x 1.25" O.D. x 2.12" Lg. | |
| 3 | 710-0442 | | Hex Scr. 5/16-18 x 1.50" Lg.* | | 29 | 734-0255 | | Air Valve | |
| 4 | 748-0274 | | Lift Shaft Drive | | 30 | 734-1004 | | Rear Wheel Ass'y. Comp. | |
| 5 | 741-0225 | | Plastic Hex Brg. 5/8" I.D. | | | 734-0967 | | Rear Wheel Tire Only | |
| 6 | 14231 | | Index Brkt. Deck Lift | | 31 | 734-1015 | | Rear Wheel Rim Only | |
| 7 | 737-0164 | | Pipe Nipple 3/8-18 Npt. | | 32 | 736-0345 | | Flat Washer | |
| 8 | 737-0143 | | Pipe Cap 3/8-18 Npt. | | 33 | 714-0142 | | Cotter Pin 3/16" Dia. x 1.50" Lg. | |
| 9 | 714-0118 | | Sq. Key 1/4" x 1/4" x 1.50" Lg. | | 35 | 714-0120 | | Sq. Key 1/4 x 3.0" | |
| 10 | 747-0216 | | Belt Guard Lock Pin | | 36 | 712-0158 | | Hex Cent. L-Nut 5/16-18 Thd. | |
| 11 | 736-0171 | | L-Wash. 7/16" Scr.* | | 37 | 710-0237 | | Hex Scr. 5/16-24 x .62" Lg.* | |
| 12 | 710-0757 | | Hex Scr. 7/16-20 x 1.50" Lg. | | 38 | 736-0119 | | L-Wash. 5/16" Scr.* | |
| 13 | 747-0299 | | Belt Guard | | 39 | 712-0181 | | Hex Top L-Nut 3/8-16 Thd. | |
| 14 | 13889 | | Lift Shaft Ass'y. | | 40 | 732-0369 | | Compression Spring | |
| 15 | 13895 | | Lift Pivot Brkt. Ass'y. | | 41 | 738-0392 | | Deck Connecting Rod | |
| 16 | 14399 | | Link (Deck) | | 42 | 712-0123 | | Hex Nut 5/16-24 Thd.* | |
| 17 | 736-0192 | | Fl-Wash. 1/2" I.D. x 1.00" O.D. x .090 | | 43 | 14170 | | Index Brkt. Reinforcement Plate | |
| 18 | 714-0101 | | Hairpin Cotter | | 44 | 751-0275 | | Exhaust Pipe (16 and 18 H.P.) | |
| 19 | 741-0295 | | Nyliner 5/8" I.D. x .88" Lg. | | 45 | 14282 | | Heat Shield (18 H.P. Only) | |
| 20 | 738-0445 | | Shld. Scr. 5/8" Dia. x .96" Lg. 3/8-16 | | 46 | 726-0175 | | Mounting Clamp (16 and 18 H.P.) | |
| 21 | 13790 | | Connecting Link | | 47 | 731-0556 | | Hub Cap | |
| 22 | 738-0296 | | Shld. Scr. .437 Dia. x .268 Lg. 5/16-18 | | 48 | 710-0224 | | Hex Wash. Hd. AB-Tap Scr. #10 x .50" Lg. | |
| 23 | 736-0322 | | Flat Wash. .44" I.D. x 1.25" O.D. x .17 | | 49 | 736-0242 | | Belle-Wash. .39" I.D. | |
| 24 | 756-0328 | | Two-Step Engine Pulley 4.75" & 5.56 | | 50 | 714-0111 | | Cotter Pin .09 Dia. x 1.0" Lg. | |
| 25 | 710-0502 | | Hex Wash. Hd. Scr. 3/8-16 x 1.25" Lg. | | 51 | 714-0149 | | Int. Cotter Pin | |
| 26 | 710-0600 | | Hex Thd. Rolling Scr. 5/16-24 x .50" Lg. | | 52 | 736-0231 | | Flat Wash. .34" I.D. x 1.12" O.D. x .125 | |
| | | | | | 53 | 710-0726 | | Hex Wash. Hd. AB-Tap Scr. 5/16 x .62" Lg. | |

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."



Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

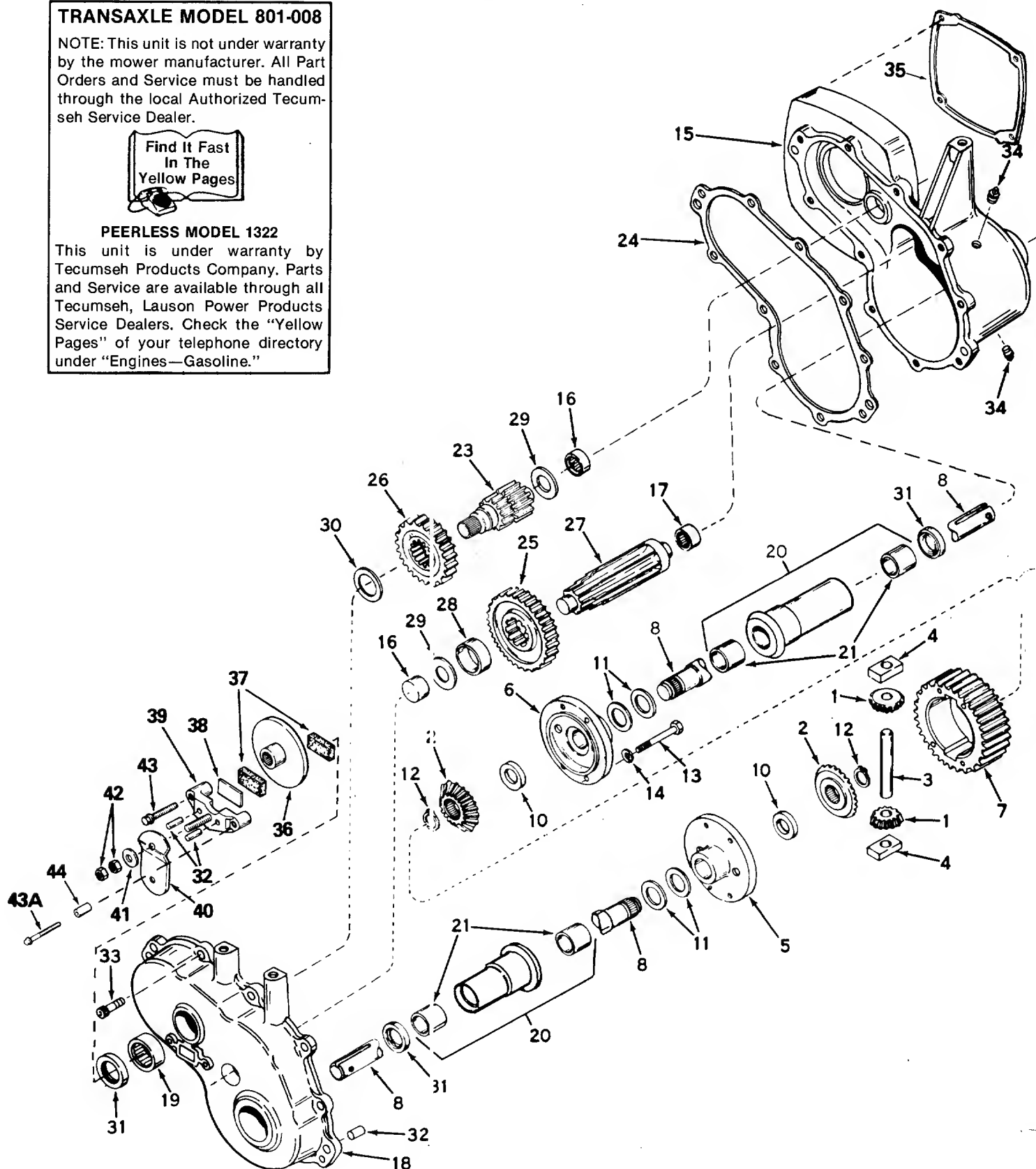
TRANSAXLE MODEL 801-008

NOTE: This unit is not under warranty by the mower manufacturer. All Part Orders and Service must be handled through the local Authorized Tecumseh Service Dealer.



PEERLESS MODEL 1322

This unit is under warranty by Tecumseh Products Company. Parts and Service are available through all Tecumseh, Lauson Power Products Service Dealers. Check the "Yellow Pages" of your telephone directory under "Engines—Gasoline."

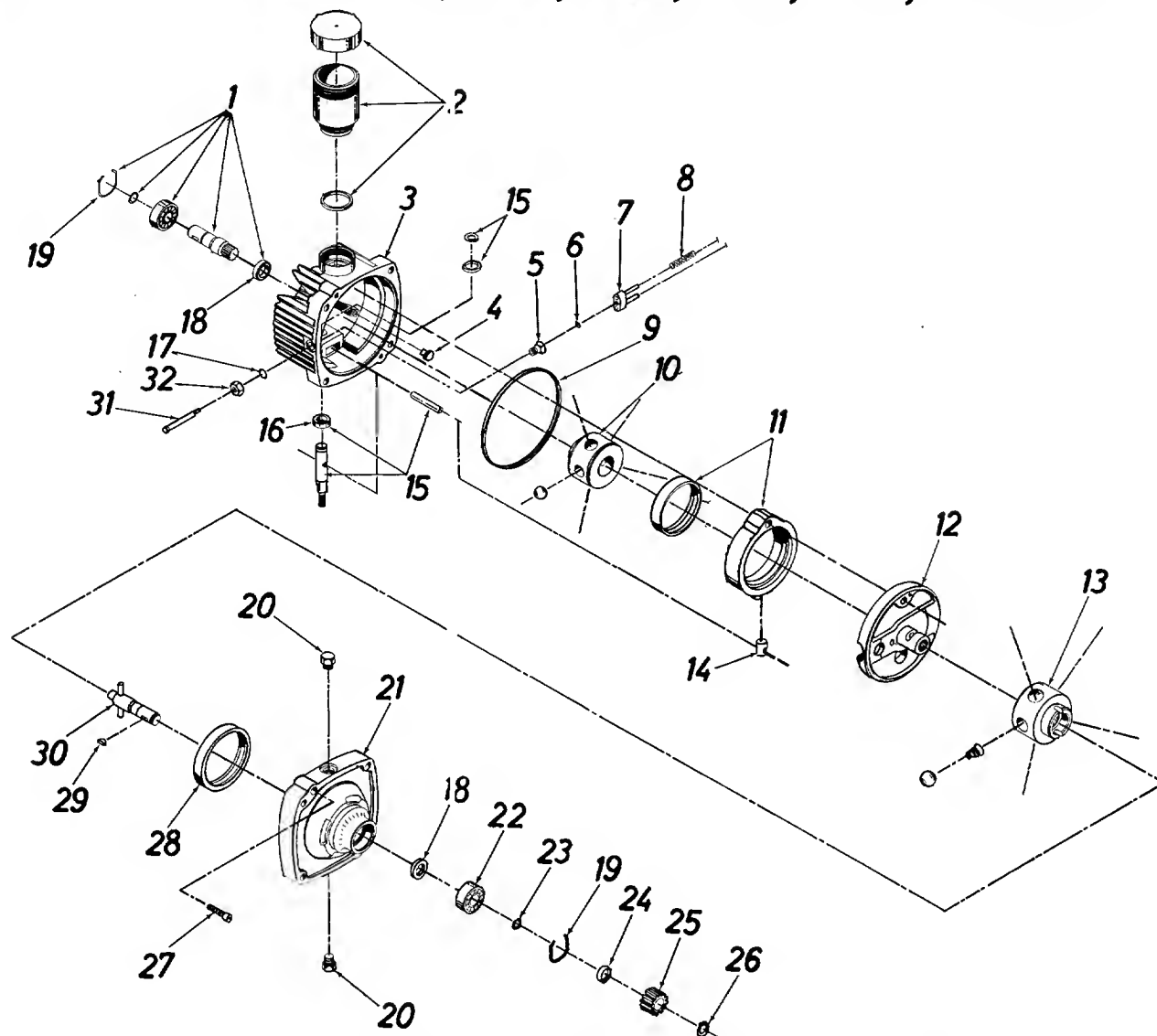


Models 760, 764, 765, 784, 785, 786, 794, 795 and 796

PARTS LIST FOR TRANSAXLE MODEL 1322

| REF. NO. | PART NO. | DESCRIPTION |
|----------|------------|--|
| 1 | PE-778014 | Pinion, Bevel |
| 2 | PE-778039 | Gear, Bevel |
| 3 | PE-786019 | Pin, Drive |
| 4 | PE-786027 | Block, Drive |
| 5 | PE-774028A | Carrier, Differential |
| 6 | PE-774029A | Carrier, Differential |
| 7 | PE-778033A | Gear, Ring |
| 8 | PE-774434 | Axle (16-1/64" Long) |
| 10 | PE-780107 | Washer |
| 11 | PE-780042 | Washer, Thrust |
| 12 | PE-792018 | Ring, Snap |
| 13 | PE-792020 | Screw, Hex Hd. 1/4-20 x 2 1/4 |
| 14 | PE-792006 | Lock Washer, 1/4" |
| 15 | PE-770052 | Case Ass'y. (Incl. Nos. 16 & 17) |
| 16 | PE-780013 | Bearing, Needle |
| 17 | PE-780088 | Bearing, Needle |
| 18 | PE-772035 | Cover Ass'y. (Incl. Nos. 16 & 19) |
| 19 | PE-780089 | Bearing, Needle |
| 20 | PE-782041 | Housing Ass'y., Axle (Incl. 2 of No. 21) |
| 21 | PE-780054 | Bushing |
| 23 | PE-776207 | Shaft, Brake |
| 24 | PE-788044 | Gasket, Case to Cover |
| 25 | PE-778036 | Gear, Output |
| 26 | PE-778037 | Gear, Idler |
| 27 | PE-778041 | Shaft, Output |
| 28 | PE-786017 | Spacer |
| 29 | PE-780001 | Washer |
| 30 | PE-780090 | Washer |
| 31 | PE-788008 | Seal, Oil |
| 32 | PE-786026 | Pin, Dowel |
| 33 | PE-792046 | Screw, Hex Hd., Self-Tapping, 1/4-20 x 1 |
| 34 | PE-792010 | Plug, Pipe |
| 35 | PE-788046 | Gasket |
| 36 | PE-790027 | Disc, Brake |
| 37 | PE-790006 | Pad, Brake |
| 38 | PE-790007 | Plate, Brake Pad |
| 39 | PE-790005 | Holder, Brake Pad |
| 40 | PE-790010 | Lever, Brake |
| 41 | PE-792076 | Washer, Flat |
| 42 | PE-792075 | Lock Nut 5/16-24 |
| 43 | PE-792073 | Screw, Hex Hd., Self-Tapping, 1/4-20 x 1 1/4 |
| 43A | PE-792085 | Screw, Hex Hd., Self-Tapping, 1/4-20 x 2 1/4 |
| 44 | PE-786066 | Spacer |

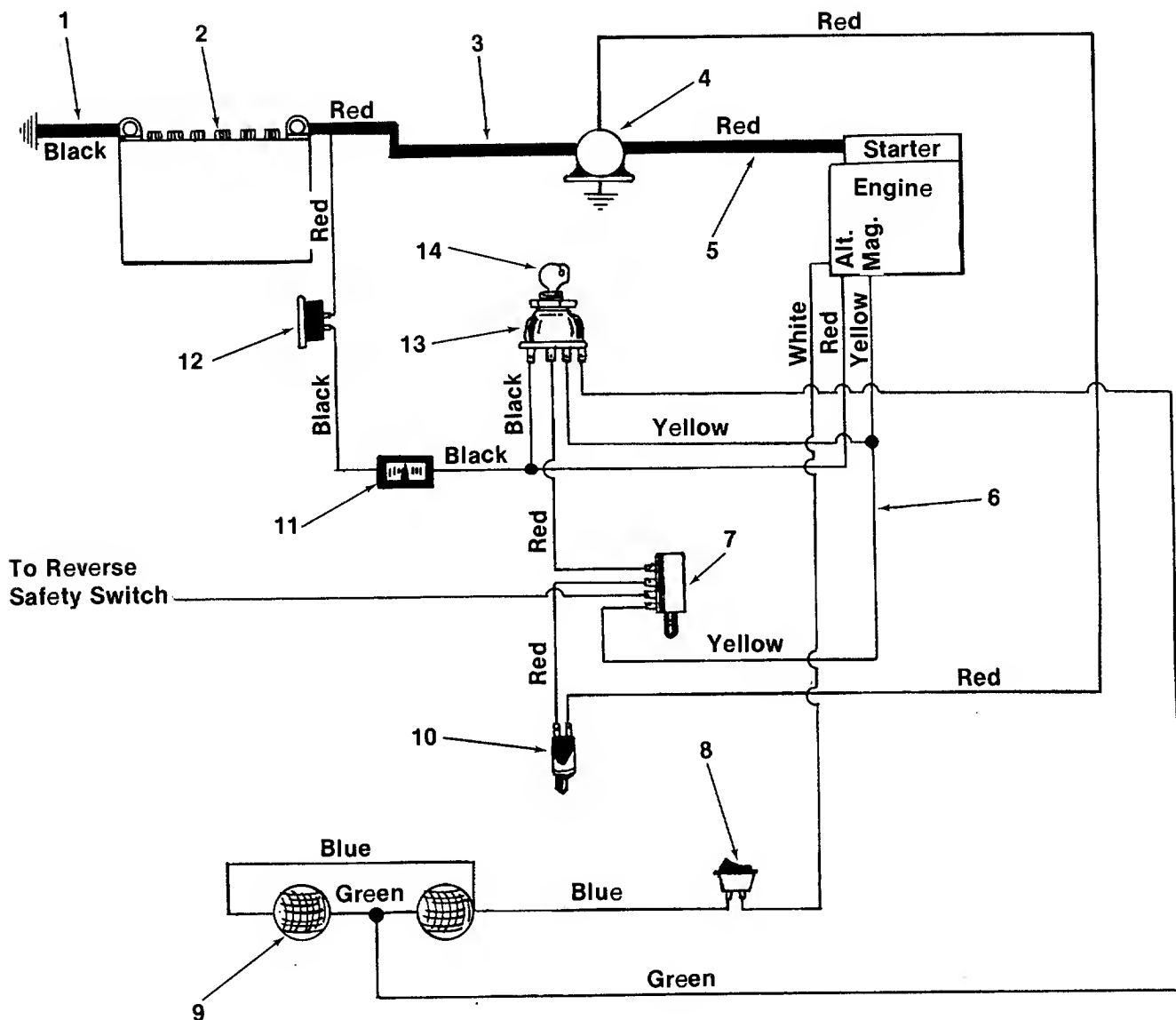
Models 760, 764, 765, 784, 785, 786, 794, 795 and 796



PARTS LIST FOR HYDROSTATIC TRANSMISSION M-7 (717-0426) ET-000700-002

| REF. NO. | PART NO. | DESCRIPTION | REF. NO. | PART NO. | DESCRIPTION |
|----------|---------------|----------------------------------|----------|---------------|-------------------------------------|
| 1 | ET-990067-000 | Kit—Input Shaft | 16 | ET-093895-000 | Oil Seal |
| 2 | ET-990077-000 | Kit—Reservoir | 17 | ET-008761-013 | O-Ring .013 |
| 3 | ET-990176-000 | Kit Cover | 18 | ET-093955-000 | Oil Seal |
| 4 | ET-101597-000 | Button | 19 | ET-091231-000 | Retaining Ring |
| 5 | ET-024234-000 | O-Ring Fitting Guide Subassembly | 20 | ET-025090-006 | O-Ring Plug Subassembly |
| 6 | ET-008761-010 | O-Ring | 21 | ET-032278-000 | Body |
| 7 | ET-024166-000 | Bracket—Pins Subassembly | 22 | ET-090797-000 | Ball Bearing (Output) |
| 8 | ET-072149-000 | Valve Spring | 23 | ET-097121-000 | Snap Ring |
| 9 | ET-008771-162 | Square Cut Seal Ring | 24 | ET-095202-000 | Spacer |
| 10 | ET-022712-000 | Pump Rotor—Ball Subassembly | 25 | ET-040511-000 | Drive Gear (12 Teeth) |
| 11 | ET-102449-000 | Cam Ring Subassembly | 26 | ET-096098-066 | External Retaining Ring |
| 12 | ET-102532-000 | Pintle Subassembly | 27 | ET-095912-125 | Socket Hd. Scr. 5/16-18 x 1.25" Lg. |
| 13 | ET-022711-000 | Motor Rotor—Ball Subassembly | 28 | ET-040519-000 | Motor Race |
| 14 | ET-095203-000 | Cam Ring Insert | 29 | ET-009476-000 | Woodruff Key #3 |
| 15 | ET-990083-000 | Kit—Control Shaft | 30 | ET-022892-000 | Output Shaft Subassembly |
| | | | 31 | ET-062240-000 | Dump Valve Shaft |
| | | | 32 | ET-024235-000 | Nut—Gasket Subassembly |

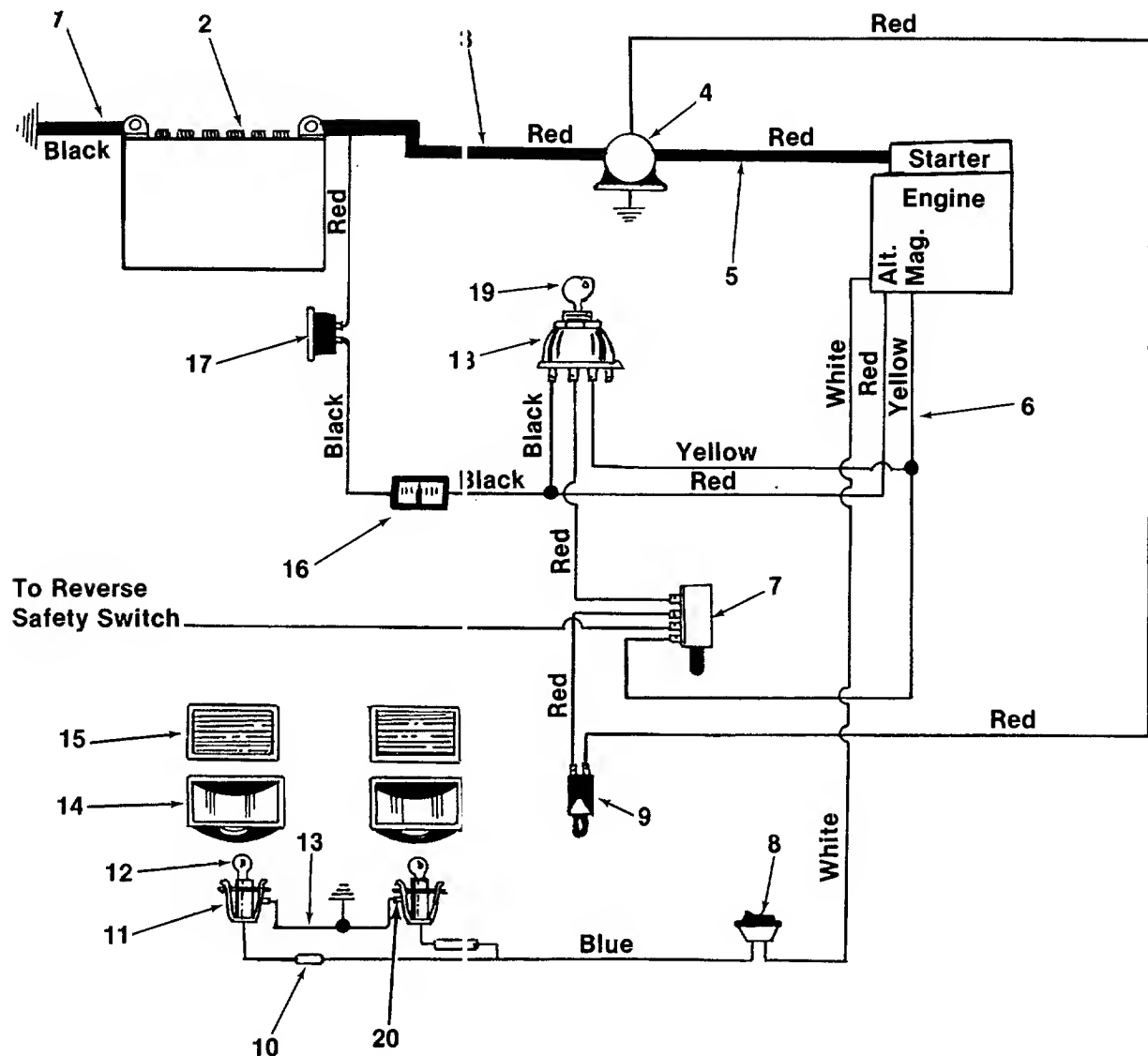
Models 760, 764, 784, 786, 794 and 796



**PARTS LIST FOR ELECTRICAL SYSTEM
MODELS 760, 764, 784, 786, 794 AND 796
LAWN TRACTORS**

| REF. NO. | PART NO. | DESCRIPTION | REF. NO. | PART NO. | DESCRIPTION |
|----------|----------|---|----------|----------|-------------------------------|
| 1 | 725-0996 | Electric Ground Wire (Black Negative) | 6 | 725-1021 | Wire Harness (16 and 18 H.P.) |
| 2 | 725-0453 | 12V-Battery | 7 | 725-1020 | Wire Harness (11 H.P.) |
| 3 | 725-0561 | Electric Wire (Red Positive) (16 and 18 H.P.) | 8 | 725-0465 | Safety Switch (P.T.O.) |
| | 725-0564 | Electric Wire (Red Positive) (11 H.P.) | 9 | 725-0634 | Light Switch |
| 4 | 725-0771 | Solenoid | 10 | 725-0222 | Head Lights |
| 5 | 725-0563 | Electric Wire (16 and 18 H.P.) | 11 | 725-0268 | Safety Switch (Clutch) |
| | 725-0564 | Electric Wire (11 H.P.) | 12 | 725-0925 | Ammeter |
| | | | 13 | 725-0459 | Circuit Breaker |
| | | | 14 | 725-0267 | Ignition Switch |
| | | | | 725-0201 | Ignition Key |

Models 765, 785 and 795



**PARTS LIST FOR ELECTRICAL SYSTEM
MODELS 765, 785 AND 795 LAWN TRACTORS**

| REF. NO. | PART NO. | DESCRIPTION | REF. NO. | PART NO. | DESCRIPTION |
|----------|----------|---|----------|----------|------------------------|
| 1 | 725-0996 | Electric Wire (Black Negative) | 8 | 725-0634 | Light Switch |
| 2 | 725-0453 | 12V-Battery | 9 | 725-0268 | Safety Switch (Clutch) |
| 3 | 725-0561 | Electric Wire (Red Positive) (16 and 18 H.P.) | 10 | 725-0717 | Tab Receptacle |
| | 725-0564 | Electric Wire (Red Positive) (11 H.P.) | 11 | 725-0964 | Socket |
| 4 | 725-0771 | Solenoid | 12 | 725-0963 | Lamp |
| 5 | 725-0563 | Electric Wire (16 and 18 H.P.) | 13 | 725-0916 | Ground Wire |
| | 725-0564 | Electric Wire (11 H.P.) | 14 | 731-0705 | Head Light Housing |
| 6 | 725-1027 | Wire Harness (16 and 18 H.P.) | 15 | 731-0706 | Lens |
| | 725-1028 | Wire Harness (11 H.P.) | 16 | 725-0925 | Ammeter |
| 7 | 725-0465 | Safety Switch (P.T.C.) | 17 | 725-0459 | Circuit Breaker |
| | | | 18 | 725-0267 | Ignition Switch |
| | | | 19 | 725-0201 | Ignition Key |
| | | | 20 | 726-0226 | Push on Ground Clip |

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

| | |
|---|----------------------------------|
| ALABAMA | BIRMINGHAM |
| Auto Electric & Carburetor Co. | 2625 4th Ave. S.35233 |
| ARKANSAS | NORTH LITTLE ROCK |
| Sutton's Lawn Mower Shop | 5301 Roundtop Drive |
| | Box 368, Rt. 472117 |
| CALIFORNIA | PORTERVILLE |
| Billious | 75 North D Street93257 |
| COLORADO | DENVER |
| Spitzer Industrial Products Co. | 6601 N. |
| | Washington St.80229 |
| FLORIDA | JACKSONVILLE |
| Radco Distributors | 4909 Victor St. |
| | Box 545932207 |
| | HIALEAH |
| Small Eng. Dist. | 7995 W. 26th Court . . .33016 |
| GEORGIA | EAST POINT |
| East Point Cycle & Key | 2834 Church St.30344 |
| ILLINOIS | LYONS |
| Keen Edge Co. | 8615 Ogden Ave.60534 |
| INDIANA | ELKHART |
| Parts & Sales Inc. | 2101 Industrial Pkwy. . .46516 |
| IOWA | DUBUQUE |
| Power Lawn & Garden Equip. | 2551 J.F. Kennedy . . .52001 |
| LOUISIANA | NEW ORLEANS |
| Suhren Engine Co. | 8330 Earhart Blvd. . . .70118 |
| MARYLAND | TAKOMA PARK |
| Center Supply Co. | 6867 New Hampshire |
| | Ave.20912 |
| MASSACHUSETTS | SPRINGFIELD |
| Morton B. Collins Co. | 300 Birnie Ave.01107 |
| MICHIGAN | LANSING |
| Lorenz Service Co. | 2500 S. Pennsylvania .48910 |
| | MOUNT CLEMENS |
| Power Equipment Dist. | 340 Hubbard48043 |
| MINNESOTA | HOPKINS |
| Hance Distributing Inc. | 420 Excelsior Ave. W. .55343 |
| MISSISSIPPI | BILOXI |
| Biloxi Sales & Service, Inc. | 506 Caillavet St.39533 |
| MISSOURI | KANSAS CITY |
| Automotive Equip. Service | 3117 Holmes St.64109 |
| | ST. JOSEPH |
| Ross-Frazier Supply Co. | 8th and Monterey . . .64503 |
| | ST. LOUIS |
| Henzler, Inc. | 2015 Lemay Ferry Rd. .63125 |
| NEW JERSEY | BELLMAR |
| Lawnmower Parts Inc. | 717 Creek Rd.08030 |
| NEW MEXICO | ALBUQUERQUE |
| Spitzer Eng. & Parts | 1023 Third Ave. N.W. .87103 |
| NEW YORK | CARTHAGE |
| Gamble Dist., Inc. | West End Ave.13619 |

| | |
|--------------------------------------|--------------------------------|
| NORTH CAROLINA | GOLDSBORO |
| Smith Hardware Co. | 515 N. George St.27530 |
| | GREENSBORO |
| Dixie Sales Company | 335 N. Green27402 |
| OHIO | CARROLL |
| Stebe's Mid-State Mower Supply . . . | Box 366, 71 High St. . .43112 |
| | CLEVELAND |
| Bleckrie, Inc. | 7900 Lorain Ave.44102 |
| | WADSWORTH |
| National Central | 687 Seville Rd.44281 |
| | YOUNGSTOWN |
| Burton Supply Co. | 1301 Logan Ave. |
| | Box 92944501 |
| OKLAHOMA | MUSKOGEE |
| Victory Motors, Inc. | 605 S. Cherokee74401 |
| OREGON | PORTLAND |
| Kenton Supply Co. | 8216 N. Denver Ave. . .97217 |
| PENNSYLVANIA | HARRISBURG |
| EECO Inc. | 4021 N. 6th St.17110 |
| | PHILADELPHIA |
| Thompson Rubber Co. | 5222-24 N. Fifth St. . .19120 |
| | PITTSBURGH |
| Bluemont Co. | 11125 Frankstown Rd. .15235 |
| | PUNXSUTAWNEY |
| Frank Roberts & Sons | R.D. 215767 |
| | SCRANTON |
| Scranton Auto Ignition Co. | 1133-35 Wyoming Ave. .18509 |
| TENNESSEE | KNOXVILLE |
| Master Repair Service | 2000 Western Ave. . . .379 |
| | MEMPHIS |
| American Sales & Service, Inc. . . . | 3035-43 Bellbrook . . .38116 |
| TEXAS | DALLAS |
| Marr Brothers, Inc. | 423 E. Jefferson75203 |
| | FORT WORTH |
| Woodson Sales Corp. | 1702 N. Sylvania76111 |
| | HOUSTON |
| Bullard Supply Co. | 2409 Commerce St. . .77003 |
| | SAN ANTONIO |
| Engine House Inc. | 8610 Botts Lane |
| | P.O. Box 1786778217 |
| UTAH | BOUNTIFUL |
| Powered Products | 485 N 500 W.84010 |
| VIRGINIA | ASHLAND |
| RBI Corp. | 101 Cedar Ridge Dr. . .23005 |
| WASHINGTON | SEATTLE |
| Equip. Northwest | 1414 14th Ave.98122 |
| WISCONSIN | APPLETON |
| Automotive Supply Co. | 123 S. Linwood Ave. |
| | P.O. Box 79854911 |
| | CHILTON |
| Horst Dist. | 444 N. Madison St. . .53014 |

WARRANTY PARTS AND SERVICE POLICY

(1283)

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number of unit involved.
2. Date unit was purchased or first put into service.
3. Date of failure.
4. Nature of failure.